## Appendix 1

NAME OF TRYOUT CLASS (IX A)

| NO | NAME | KODE |
| :---: | :---: | :---: |
| 1 | ACHSANU AMALA | TO-01 |
| 2 | ADIB BAGUS SUDIYONO | TO-02 |
| 3 | ADIB FATHURROHMAN | TO-03 |
| 4 | AGUNG BUDI PRASETYO | TO-04 |
| 5 | AISAH NURUL HIDAYAH | TO-05 |
| 6 | ALVIRA AMALIA | TO-06 |
| 7 | ANGGA WIJAYANTO | TO-07 |
| 8 | ANGGUN AMELIA ANI SAFITRI | TO-08 |
| 9 | ARI IPUR ROHMAN | TO-09 |
| 10 | ARIF MAULANA | TO-10 |
| 11 | ASMAUL KHUSNA | TO-11 |
| 12 | FARHAN APRILIAN | TO-12 |
| 13 | IVAN SETIA KURNIAWAN | TO-13 |
| 14 | KHUDZI FADLLA KAMILA | TO-14 |
| 15 | M. FARCHAN NAILUL HUDA | TO-15 |
| 16 | MARIA ULFA | TO-16 |
| 17 | NAELATUL KAMALIYAH | TO-17 |
| 18 | NOVIAN WAHYU MAHENDRA | TO-18 |
| 19 | NURUL JAZILAH | TO-19 |
| 20 | PUTRI ERVINA PURNILASARI | TO-20 |
| 21 | RIFKI FATUL A. | TO-21 |
| 22 | RIFKI RIFANDI | TO-22 |
| 23 | RIZMA RISKIANA | TO-23 |
| 24 | ROHATUN MUFADHILAH SHOLE | TO-24 |
| 25 | SANIYAH | TO-25 |
| 26 | SOFAN FERDIYANTO | TO-26 |
| 27 | UMI SALAMAH | TO-27 |
| 28 | VIELA SUFA HANIFA | TO-28 |
| 29 | VINKA ARISKA | TO-29 |
| 30 | VINKA ROMANDHONA | TO-30 |
| 31 | WULAN RETNO FEBRIANA | TO-31 |

## Appendix 2

## Try-out Test

| Subject | $:$ English |
| :--- | :--- |
| Theme | $:$ Recount |
| Class | $:$ IX |
| Time | $: 70$ minutes |

## Read the text carefully!

On Wednesday, my students and I went to Yogyakarta. We stayed at Dirgahayu Hotel which is not far from Malioboro.

On Thursday, we visited the temples in Prambanan. There are three big temples, the Brahmana, Syiwa and Wisnu temples. They are really amazing. We visited only Brahmana and Syiwa temples, because Wisnu temples is being renovated.

On Friday morning we went to Yogya Kraton. We spent about two hours there. We were lucky because we were led by a smart and friendly guide. Then we continued our journey to Borobudur. We arrived there at four p.m. at 5 p.m. We heard the announcement that Borobudur gate would be closed. In the evening we left for Jakarta by wisata bus.
(adapted from www.caramudahbelajarbahasainggris.net)

1. The text tells us about....
a. The writer's trip to Yogyakarta
b. The writer's first visit to Prambanan
c. The Writer's impression about the guide
d. The writer's experience at Yogya Kraton
2. The purpose of the text is to...
a. Tell past event
b. Entertain readers
c. Describe the smugglers
d. Report an event to the police
3. What are the big temples in Prambanan? info
a. Angkor wat, syiwa, and sudra temples
b. Paria, brahmana, and temples
c. Brahmana, syiwa, and wisnu temples
d. Wisnu, syiwa, and Borobudur temples
4. When did they go home?
a. On Saturday morning
b. On Friday evening
c. On Thursday evening
d. On Friday afternoon
5. Why did they only visit Brahmana and Syiwa Temples?
a. Because there was no wisnu temple
b. Because wisnu temple was amazing
c. Because wisnu temple was too small
d. Because wisnu temple was being repaired

Last holiday, I went to Surabaya with my friend for vacation. We went there on a night bus.

When we arrived in Lamongan, the bus stopped at a small restaurant for a rest. I got off the bus to get a cup of ginger tea, and my friend drank some cold lemonade. Then I went to the toilet. It took only a few minutes.

When I came out again, the bus was not there. It had gone! My friend was not there too. Feeling shocked and confused, I asked a waitress about the bus. She said that the bus departed about five minutes ago.

I tried to call my friend on my cell-phone, but the battery was running low.

I could not do anything but hope and pray. After several minutes, my wish came true. The bus came back! I got on the bus and walked to my seat.

I was so ashamed when everybody on the bus looked at me. I could feel my face turn red.
(adapted from www.bahasainggrisoke.com)
6. What is the topic of the text above?
a. My vacation
b. Vacation to Surabaya
c. Vacation with family
d. Vacation to foreign country
7. What did the writer do when the bus stop for rest in Lamongan?
a. The writer bought some souvenirs
b. The write drank some cold lemonade
c. The writer went to the toilet
d. The writer got off the bus to get a cup of ginger tea
8. What did the writer feel when the bus is not there?
a. Ashamed
b. Shocked and confused
c. Sad and Angry
d. Disappointed
9. How many friends that the writer had to join the vacation?
a. One
b. Two
c. Three
d. Four
10. .....The bus was not there. It had gone!

The word it in paragraph three refers to?
a. The writer
b. The writer's friend
c. The bus
d. The waitress

Last summer, when mum and dad weren't feeling well, tom was taking his dog, paddy for a walk. Suddenly there was a rabbit running across the path they were taking. Paddy barked very loud and the scared rabbit ran into the bushes. Although Tom was trying hard to grip the collar, Paddy was running after the rabbit. That was the last time he saw Paddy.

He tried to look for him for days. Finally, five weeks later, when Tom was out for a coffee at Motorway Café, his parents called. They were having lunch when they heard a dog barked outside the house. The hurriedly went out and there was Paddy wiggling his tail.
(Adapted from Brangkas soal UN SMP/MTs; 2012/2013; Tim
Smart Nusantara)
11. "That was the last time he saw Paddy."

The word he refers to....
a. Father
b. Tom
c. Rabbit
d. Paddy
12. How did Paddy get lost?
a. He was hungry and searched for a food
b. He followed motorbike riders away
c. He saw a rabbit and ran after it
d. He felt bored and took a walk
13. The text generally talks about....
a. The coming back of the lost dog
b. A long journey of the dog
c. A holiday experience in Scotland
d. The disappearance of a dog

I really enjoyed my vacation s in Australia. Last Sunday I visited a marine park called Sea World, which is at Surfers paradise
near Brisbane. It is Australia's largest marine park and I had a wonderful day there.

The first thing I saw was the oceanorium, which is a place where you can watch all kinds of dish and animal underwater. There huge turtles, shark, and beautiful tropical fish. The most exciting thing was watching a man feeding the sharks. He wore a special diving suit.

Then, I watch performing animal. The show was in a big outdoor swimming pool. There were killer whales, dolphins and sea lions, and they did all kinds of fantastic things $n$ the water. One of the girls rode under water on the back of a big turtle.

Then, I watched a wonderful water ski show which was held on the lake.

After the show, I had lunch. There were several big restaurants at the park. I had lunch in a restaurant that was shaped like a ship.
(adapted from www.belajarbahasainggrisku.com)
14. Where did the writer go for vacation
a. Indonesia
b. Atlantic Ocean
c. Australia
d. New Zealand
15. What were animals seen by the writer in the swimming pool?
a. snake, seahorse, and dolphins
b. whales, dolphins and sea lions
c. sea lions, seahorse, and whales
d. whales, dolphins, and seahorse
16. The communicative purpose of the text is...
a. to tell events for the purpose informing
b. to present perspective points about an issue
c. to describe the way they are
d. to acknowledge readers about informative events
17. "It is Australia's largest marine park......"

The underline word refers to...
a. Brisbane
b. Sea World
c. Sea Hall
d. Atlantic Ocean

Last summer I got a fantastic holiday. I visited some great places. I went to an airport and was going to fly to Cleveland. I was spending there two days. I liked to see some Cleveland. I was spending there two days. I liked to see some Cleveland Cavaliers basketball matches.

Then I went to Hollywood. Hollywood is a famous district in Los Angeles, California, United States. It had become world-famous as the center of the film industry. Four major film companies Paramount, Warner Bros, RKO, and Columbia - had studios in Hollywood. I did not want to leave but I had to.

After that, I went to New York City. I visited the Statue of Liberty. I went from the bottom of Manhattan to the top of the crown. That was very amazing. The places made me feel at home but I have to go home. Next time I would return to them.
(Adapted from Brangkas soal UN SMP/MTs; 2014/2015; Tim
Smart Nusantara)
18. What did the writer do on the second visit?
a. The writer went to Cleveland
b. The writer flew to Hollywood
c. The writer visited Columbia
d. The writer took a walk to New York
19. Where is the statue of liberty?
a. It is in Cleveland
b. It is in California
c. It is in Hollywood
d. It is in New York
20. "Hollywood is a famous district in Los Angeles, California, United States." The underlined word has similar meaning with...
a. a deserted
b. a secluded
c. an isolated
d. a popular

Last weekend, my friend and I went camping. We reached the camping ground after we walked for about one and a half hour from the parking lot. We built the camp next to a small river. It was getting darker and colder, so we built a fire camp.

The next day, we spent our time observing plantation and insects while the girls were preparing meals. In the afternoon, we went to the river and caught some fish for supper. At night, we held a fire camp night. We sang, danced, read poetry, played magic tricks, and even some of us performed a standing comedy.

On Monday, we packed our bags and got ready to go home.
(Adapted from Brangkas soal UN SMP/MTs; 2014/2015; Tim
Smart Nusantara)
21. Where did the writer build the camp?
a. In the mountain
b. Near a small river
c. On the playing ground
d. In the parking area
22. What is the main idea of the first paragraph?
a. The preparation to camping
b. The activity at night
c. The activity on the first day
d. The activity on the second day
23. The text mainly tells us about..
a. Observing plantation
b. Camping
c. Fire camp night
d. Preparing meal

On Saturday night, we went to the Town Hall. It was the last day of the year and a large crowd of people had gathered under the Town Hall clock. It would strike twelve in twenty minutes' time. Fifteen minutes passed and then, at five to twelve, the clock stopped. The big minute hand did not move. We waited and waited, but nothing happened. Suddenly someone shouted. 'It is two minutes past twelve! The clock has stopped!"

I looked at my watch. It was true. The big clock refused to welcome the New Year. At that moment, everybody began to laugh and sing.
(Adapted from detik-detik UN bahasa Inggris; 2005/2006;
Intan Pariwara)
24. When did the event happen?
a. In the middle of the year
b. The end of the year
c. Christmas celebration
d. At the weekend as usual
25. What does the first sentence tell you?
a. The problem that the writer met
b. The funny thing in the story
c. The opening of the story
d. The past event
26. "It would strike twelve in twenty minutes' time." The underline word refers to...
a. The clock
b. Author's watch
c. The town
d. The place
27. Which of the following is not true according to the text?
a. The writer was waiting to celebrate the New Year
b. The writer brought a watch
c. The writer was very happy
d. The writer celebrated the New Year with his family

Last year I joined the Chicago Marathon, my first marathon. I had to run 26.2 miles to complete it. It is hard but I learned valuable things from joining it.

At first, I just wanted to get the experience of joining a marathon. I thought it would be one life time experience. After finishing it, I change my mind. I wanted to join another one. I was interested to complete at least one more marathon and improve my time. I also experienced a good feeling between participants and the spectators that made me happy. It was a very wonderful thing for me. So I decide that I had to join another marathon to following year, because I was not satisfied with this first one.
(Adapted from Brangkas soal UN SMP/MTs; 2010/2011; Tim
28. When did the writer change his/her mind about marathon?
a. When preparing for the race
b. During the race
c. Before the race
d. After finishing the race
29. What is the main idea of the second paragraph?
a. The writer found that marathon was enjoyable so he wanted to join again
b. After completing the 26.2 miles, the writer felt upset.
c. The writer thought marathon was hard so he stopped it as soon as possible
d. The writer felt tired when he had to run at 26.2 miles
30. Why did the writer want to join another marathon?
a. To learn valuable things
b. To improve his time
c. To participate in the event.
d. To experience an interesting race

On Friday morning, 27 March 2009, the Situ Gintung dam which is located in Cireundeu southern part of Tangerang burst. It happened early in the morning at about 04.30 Indonesian Western Time (WIB), when people in the nearby area were still sleeping without option to flee.

The incident happened because of heavy rains. The dam could not hold back the water and collapsed. A big water full of rocks and pieces of wood destroyed small poorly built houses. It also swept away cars and broke telephone lines. The flood water reaches the height of up to four meters.

Hundred of houses were totally damaged and a lot of property lost. More than 100 people died and many more still lost. The total
lost could reach billions even trillions of rupiahs because of the disaster.

It was really a horrifying disaster in early 2009. It made a lot of people lost their husbands, wives, sons, daughters, relatives and properties. It was an unforgettable disaster happening close to the country's capital city of Jakarta.
(Adapted from Brangkas soal UN SMP/MTs; 2010/2011; Tim Smart Nusantara)
31. What is the text mostly about?
a. Flood in the Jakarta province
b. The bursting of the Situ Gintung dam
c. The victims of the flood disaster
d. Heavy rains in Situ Gintung
32. "A big water full of rocks and pieces of wood destroyed small poorly built houses."
What does the underline word mean?
a. Broke into pieces
b. Entered slowly
c. Got in gradually
d. Cut into pieces
33. Why did the Situ Gintung dam burst?
a. Because it contains a lot of water
b. Because the flood water reached a height of up to four metres
c. Because it couldn't hold back the water from the heavy rains
d. Because it is located in dangerous area
34. What is the main idea of paragraph two?
a. The total loss of the disaster were trillions of rupiahs
b. The location of the disaster was in Situ Gintung Jakarta
c. The number of the victims in the disaster was 100
d. The cause of the disaster was the inability of the dam to hold water
35. When did the disaster happen?
a. At midnight
b. At dusk
c. At noon
d. At dawn

Hexa and I camped in the mountain last weekend. It was very beautiful and very quiet here. The air was fresh. The location of our campsite was on the top of hill, so we could see the scenery around us. It was amazing. It was green everywhere. It was also easy to get water as it was near a small river. You see the water is as clear as a crystal. We bought a lot of food from home. There were some noodles, cans of sardines, soft drink, and biscuits. Hexa brought cooking utensils for cooking noodle.

On the first day, we spent our time setting up tent and exploring the surrounding area. I was happy to find that there were many campers there. At night, after we had dinner, we met other campers. We chatted and played guitar. It was fun meeting people who had the same hobby. It was not frightening at all at night in the forest as it was very noisy that night. We laughed and sang, and some campers even danced. We went to bed almost dawn. No wonder we got up late the following day. We hiked with other campers until afternoon. We did not realize that it was almost 5 in the afternoon and we had to go back home soon. It was really nice. I planned to go there again on the next long holiday. I would ask other friends to join.
(Adapted from Brangkas soal UN SMP/MTs; 2009/2010; Tim
Smart Nusantara)
36. What makes the writer say "amazing" from the text?
a. The location of the campsite
b. The fresh air of the mountain
c. The scenery around the campsite
d. The small river in the mountain
37. What did the writer do on the second day of their camping activity?
a. They chatted and played guitar
b. They had a greet and meet activity
c. They hiked with the other champers
d. They laughed and sang songs together
38. "....we spent our time setting up the tent and exploring the surrounding area." (paragraph 2)
What does the underline word mean?
a. Traveling to through about it
b. Going backward and forward to watch something
c. Observing carefully to examine something
d. Looking for something in surrounding area
39. Study these sentences. Then arrange them to make a meaningful paragraph!
(1) An "umbul-umbul" is a decorative flag shaped like a banana leaf and fitted on a bamboo pole.
(2) On August 28, 2005 tourists in Denpasar observed a religious ritual of the "umbul-umbul" festival.
(3) They are planted around the city square where people gathered around.
(4) They created hundreds of the flag called "umbul-umbul".
(5) The ritual is held to proclaim the presence od Gods.
(6) Participants from 49 countries took part in this festival. (Adapted from Brangkas soal UN SMP/MTs; 2006/2007; Tim

The best arrangement is....
a. 2-1-3-6-4-5
b. $2-1-4-3-6-5$
c. 2-5-1-6-4-3
d. $2-5-6-4-1-3$
40. Arrange these jumbles sentences into a good paragraph!
(1) Before lunch we fed some birds in the park.
(2) But we were happy because we had so much fun.
(3) Yesterday my family went to the zoo.
(4) When we returned home we went very tired.
(5) In the afternoon we saw the animals being fed.
(6) We bought some food to give to the animals.
(Adapted from Brangkas soal UN SMP/MTs; 2009/2010; Tim
Smart Nusantara)
The best arrangement is.....
a. $5-4-6-3-2-1$
b. $3-6-1-5-4-2$
c. 5-1-3-6-2-4
d. $3-1-5-4-2-6$

| Name | .............................................. |
| :---: | :---: |
| Class | : ..................................................... |
| Number | . .................................................. |
| Date | : ...................................................... |

Give a cross symbol (X) to A, B, C and D on the correct answer!

| 1. | A | B | C | D | 21. | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2. | A | B | C | D | 22. | A | B | C | D |
| 3. | A | B | C | D | 23. | A | B | C | D |
| 4. | A | B | C | D | 24. | A | B | C | D |
| 5. | A | B | C | D | 25. | A | B | C | D |
| 6. | A | B | C | D | 26. | A | B | C | D |
| 7. | A | B | C | D | 27. | A | B | C | D |
| 8. | A | B | C | D | 28. | A | B | C | D |
| 9. | A | B | C | D | 29. | A | B | C | D |
| 10. | A | B | C | D | 30. | A | B | C | D |
| 11. | A | B | C | D | 31. | A | B | C | D |
| 12. | A | B | C | D | 32. | A | B | C | D |
| 13. | A | B | C | D | 33. | A | B | C | D |
| 14. | A | B | C | D | 34. | A | B | C | D |
| 15. | A | B | C | D | 35. | A | B | C | D |
| 16. | A | B | C | D | 36. | A | B | C | D |
| 17. | A | B | C | D | 37. | A | B | C | D |
| 18. | A | B | C | D | 38. | A | B | C | D |
| 19. | A | B | C | D | 39. | A | B | C | D |
| 20. | A | B | C | D | 40. | A | B | C | D |

## Appendix 4

## Answer Key of Tryout Test

| 1. A | $21 . \mathrm{B}$ |
| :--- | :--- |
| 2. A | $22 . \mathrm{D}$ |
| 3. | C |
| 4. | B |
| 5. | 23. A |
| 6. | B |
| 7. | C |
| 8. | A |
| 9. | B |
| 10. D | $25 . \mathrm{C}$ |
| 11. D | $26 . \mathrm{C}$ |
| 12. B | $27 . \mathrm{B}$ |
| 13. A | $28 . \mathrm{A}$ |
| 14. C | $29 . \mathrm{B}$ |
| 15. D | $30 . \mathrm{B}$ |
| 16. D | $31 . \mathrm{C}$ |
| 17. C | $32 . \mathrm{B}$ |
| 18. C | $33 . \mathrm{B}$ |
| 19. A | $34 . \mathrm{C}$ |
| 20. B | $35 . \mathrm{A}$ |

## Appendix 5

TRYOUT TEST ANALYSIS

| No | Code | No Soal |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | U-28 | 1 | 0 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | U-14 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | U-16 | 1 | 1 | 1 | 1 | I | 0 | 1 | 1 | 1 |
| 4 | U-25 | 1 | 0 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | U-31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | U-10 |  | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 7 | U-17 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | U-02 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 9 | U-08 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 10 | U-23 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 11 | U-19 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |
| 12 | U-29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | U-20 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| 14 | U-01 | 1 | 1 |  | 1 | 1 | 0 | 1 | 1 | 0 |
| 15 | U-06 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | U-11 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 17 | U-27 | 1 | 0 | 1 | I | 1 | 0 | 1 | 1 | 1 |
| 18 | U-07 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 19 | U-18 | 1 | 0 |  | 0 | 1 | 1 | 1 | 1 | 0 |
| 20 | U-12 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 21 | U-03 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| 22 | U-30 | 1 | 1 |  | 1 | 1 | 0 | 0 | 0 | 0 |
| 23 | U-09 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 24 | U-26 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 25 | U-05 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 26 | U-22 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 |
| 27 | U-13 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 28 | U-21 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 29 | U-04 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| 30 | U-15 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 31 | U-24 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| Sum |  | 30 | 11 | 30 | 26 | 28 | 16 | 27 | 22 | 24 |
|  | Mp | 25,40 | 28,27 | 25,43 | 25,92 | 25,75 | 26,75 | 25,41 | 26,59 | 26,33 |
|  | Mt | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 |
|  | p | 0,97 | 0,35 | 0,97 | 0,84 | 0,90 | 0,52 | 0,87 | 0,71 | 0,77 |
|  | 9 | 0,03 | 0,65 | 0,03 | 0,16 | 0,10 | 0,48 | 0,13 | 0,29 | 0,23 |
| $\frac{1}{10}$ | p/q | 30,00 | 0,55 | 30,00 | 5,20 | 9,33 | 1,07 | 6,75 | 2,44 | 3,43 |
|  | St | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 |
|  | r | 0,24 | 0,48 | 0,28 | 0,35 | 0,36 | 0,34 | 0,12 | 0,46 | 0,45 |
|  | $r_{\text {table }}$ | Standard of si | gnification 5\% | and $\mathrm{N}=31$ o | btained rtable | $=$ |  | 0,355 |  |  |
|  | Criteri | Invalid | Valid | Invalid | Invalid | Valid | Invalid | Invalid | Valid | Valid |
|  | B | 30 | 11 | 30 | 26 | 28 | 16 | 27 | 22 | 24 |
| J ${ }_{0}^{0}$ | JS | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| \% | IK | 0,97 | 0,35 | 0,97 | 0,84 | 0,90 | 0,52 | 0,87 | 0,71 | 0,77 |
|  | Criteri | Easy | Medium | Easy | Easy | Easy | Medium | Easy | Easy | Easy |
|  | BA | 17 | 10 | 17 | 16 | 17 | 10 | 16 | 15 | 16 |
| 镸 | BB | 13 | 1 | 13 | 10 | 11 | 6 | 11 | 7 | 8 |
| . | JA | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 든 | JB | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| - 0 | D | 0,20 | 0,56 | 0,20 | 0,33 | 0,33 | 0,23 | 0,27 | 0,47 | 0,47 |
| - | Criteri | Less | Good | Less | Enough | Enough | Enough | Enough | Good | Good |
| Crit | teria | Unused | Used | Unused | Unused | Used | Unused | Unused | Used | Used |
|  | p | 0,96774194 | 0,32352941 | 0,88235294 | 0,76470588 | 0,82352941 | 0,47058824 | 0,79411765 | 0,64705882 | 0,70588235 |
|  | q | 0,03225806 | 0,67647059 | 0,11764706 | 0,23529412 | 0,17647059 | 0,52941176 | 0,20588235 | 0,35294118 | 0,29411765 |
|  | pq | 0,03121748 | 0,21885813 | 0,10380623 | 0,1799308 | 0,14532872 | 0,24913495 | 0,16349481 | 0,2283737 | 0,20761246 |
| 言 | n | 31 7.1843 |  |  |  |  |  |  |  |  |
| . | Epq | 7,1843 |  |  |  |  |  |  |  |  |
|  | $\mathrm{S}^{2}$ | 22,4141519 |  |  |  |  |  |  |  |  |
|  | $\mathrm{r}_{11}$ | 0,7021 |  |  |  |  |  |  |  |  |
|  | Eriteria | Reliable |  |  |  |  |  |  |  |  |


| No Soal |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 |  | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | , |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |  |
| 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 27 | 23 | 5 | 14 | 30 | 30 | 17 | 16 | 15 |
| 25,26 | 24,74 | 22,80 | 27,64 | 25,23 | 25,10 | 27,06 | 27,13 | 27,33 |
| 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 |
| 0,87 | 0,74 | 0,16 | 0,45 | 0,97 | 0,97 | 0,55 | 0,52 | 0,48 |
| 0,13 | 0,26 | 0,84 | 0,55 | 0,03 | 0,03 | 0,45 | 0,48 | 0,52 |
| 6,75 | 2,88 | 0,19 | 0,82 | 30,00 | 30,00 | 1,21 | 1,07 | 0,94 |
| 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 |
| 0,04 | -0,16 | -0,22 | 0,47 | 0,05 | -0,11 | 0,43 | 0,42 | 0,44 |
|  |  |  |  |  |  |  |  |  |
| Invalid | Invalid | Invalid | Valid | Invalid | Invalid | Valid | Valid | Valid |
| 27 | 23 | 5 | 14 | 30 | 30 | 17 | 16 | 15 |
| 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 0,87 | 0,74 | 0,16 | 0,45 | 0,97 | 0,97 | 0,55 | 0,52 | 0,48 |
| Easy | Easy | Difficult | Medium | Easy | Easy | Medium | Medium | Medium |
| 15 | 11 | 2 | 10 | 16 | 16 | 12 | 12 | 10 |
| 12 | 12 | 3 | 4 | 14 | 14 | 5 | 4 | 5 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 0,14 | -0,11 | -0,08 | 0,36 | 0,07 | 0,07 | 0,42 | 0,48 | 0,29 |
| Less | Least | Least | Enough | Less | Less | Good | Good | Enough |
| Unused | Unused | Unused | Used | Unused | Unused | Used | Used | Used |
| 0,79411765 | 0,67647059 | 0,14705882 | 0,41176471 | 0,88235294 | 0,88235294 | 0,5 | 0,47058824 | 0,44117647 |
| 0,20588235 | 0,32352941 | 0,85294118 | 0,58823529 | 0,11764706 | 0,11764706 | 0,5 | 0,52941176 | 0,55882353 |
| 0,16349481 | 0,21885813 | 0,12543253 | 0,24221453 | 0,10380623 | 0,10380623 | 0,25 | 0,24913495 | 0,24653979 |


| No Soal |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | I | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 1 | I | 1 | 0 | , | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 0 |  | 0 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 |  | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 |  |  | 0 | 0 | , | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 30 | 29 | 28 | 12 | 29 | 27 | 6 | 27 | 9 |
| 25,43 | 25,69 | 25,57 | 27,50 | 25,52 | 25,63 | 24,83 | 25,33 | 28,89 |
| 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 |
| 0,97 | 0,94 | 0,90 | 0,39 | 0,94 | 0,87 | 0,19 | 0,87 | 0,29 |
| 0,03 | 0,06 | 0,10 | 0,61 | 0,06 | 0,13 | 0,81 | 0,13 | 0,71 |
| 30,00 | 14,50 | 9,33 | 0,63 | 14,50 | 6,75 | 0,24 | 6,75 | 0,41 |
| 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 |
| 0,28 | 0,40 | 0,24 | 0,39 | 0,26 | 0,24 | -0,04 | 0,08 | 0,50 |
|  |  |  |  |  |  |  |  |  |
| Invalid | Valid | Invalid | Valid | Invalid | Invalid | Invalid | Invalid | Valid |
| 30 | 29 | 28 | 12 | 29 | 27 | 6 | 27 | 9 |
| 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 0,97 | 0,94 | 0,90 | 0,39 | 0,94 | 0,87 | 0,19 | 0,87 | 0,29 |
| Easy | Easy | Easy | Medium | Easy | Easy | Difficult | Easy | Difficult |
| 17 | 17 | 17 | 9 | 17 | 16 | 3 | 16 | 9 |
| 13 | 12 | 11 | 3 | 12 | 11 | 3 | 11 | 0 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 0,20 | 0,26 | 0,33 | 0,36 | 0,26 | 0,27 | -0,01 | 0,27 | 0,56 |
| Less | Enough | Enough | Enough | Enough | Enough | Least | Enough | Good |
| Unused | Used | Unused | Used | Unused | Unused | Unused | Unused | Used |
| 0,88235294 | 0,85294118 | 0,82352941 | 0,35294118 | 0,85294118 | 0,79411765 | 0,17647059 | 0,79411765 | 0,26470588 |
| 0,11764706 | 0,14705882 | 0,17647059 | 0,64705882 | 0,14705882 | 0,20588235 | 0,82352941 | 0,20588235 | 0,73529412 |
| 0,10380623 | 0,12543253 | 0,14532872 | 0,2283737 | 0,12543253 | 0,16349481 | 0,14532872 | 0,16349481 | 0,19463668 |


| No Soal |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | , | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |  |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 0 | 1 | 0 | 0 |  | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 27 | 12 | 13 | 17 | 13 | 21 | 26 | 7 | 7 |
| 26,26 | 27,42 | 27,69 | 26,82 | 26,85 | 27,05 | 25,73 | 28,57 | 28,71 |
| 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 | 25,19 |
| 0,87 | 0,39 | 0,42 | 0,55 | 0,42 | 0,68 | 0,84 | 0,23 | 0,23 |
| 0,13 | 0,61 | 0,58 | 0,45 | 0,58 | 0,32 | 0,16 | 0,77 | 0,77 |
| 6,75 | 0,63 | 0,72 | 1,21 | 0,72 | 2,10 | 5,20 | 0,29 | 0,29 |
| 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 | 4,73 |
| 0,58 | 0,37 | 0,45 | 0,38 | 0,30 | 0,57 | 0,26 | 0,39 | 0,40 |
|  |  |  |  |  |  |  |  |  |
| Valid | Valid | Valid | Valid | Invalid | Valid | Invalid | Valid | Valid |
| 27 | 12 | 13 | 17 | 13 | 21 | 26 | 7 | 7 |
| 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 0,87 | 0,39 | 0,42 | 0,55 | 0,42 | 0,68 | 0,84 | 0,23 | 0,23 |
| Easy | Medium | Medium | Medium | Medium | Medium | Easy | Difficult | Difficult |
| 17. | 8 | 10 | 11 | 8 | 16 | 16 | 6 | 7 |
| 10 | 4 | 3 | 6 | 5 | 5 | 10 | 1 | 0 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 0,40 | 0,23 | 0,43 | 0,29 | 0,17 | 0,67 | 0,33 | 0,31 | 0,44 |
| Enough | Enough | Good | Enough | Less | Good | Enough | Enough | Good |
| Used | Used | Used | Used | Unused | Used | Unused | Used | Used |
| 0,79411765 | 0,35294118 | 0,38235294 | 0,5 | 0,38235294 | 0,61764706 | 0,76470588 | 0,20588235 | 0,20588235 |
| 0,20588235 | 0,64705882 | 0,61764706 | 0,5 | 0,61764706 | 0,38235294 | 0,23529412 | 0,79411765 | 0,79411765 |
| 0,16349481 | 0,2283737 | 0,23615917 | 0,25 | 0,23615917 | 0,23615917 | 0,1799308 | 0,16349481 | 0,16349481 |


|  |  |  |  | Y | $Y^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 37 | 38 | 39 | 40 |  |  |
| 1 | 1 | 0 | 1 | 33 | 1089 |
| 1 | 0 | 0 | 1 | 32 | 1024 |
| 1 | 0 | 0 | 1 | 31 | 961 |
| 1 | 0 | 0 | 1 | 31 | 961 |
| 1 | 0 | 1 | 1 | 30 | 900 |
| 0 | 0 | 1 | 1 | 30 | 900 |
| 1 | 0 | 0 | 1 | 30 | 900 |
| 0 | 0 | 0 | 1 | 29 | 841 |
| 0 | 0 | 0 | 1 | 29 | 841 |
| 1 | 0 | 0 | 1 | 29 | 841 |
| 1 | 0 | 0 | 1 | 29 | 841 |
| 1 | 1 | 0 | 1 | 28 | 784 |
| 1 | 0 | 0 | 1 | 28 | 784 |
| 1 | 0 | 1 | 1 | 28 | 784 |
| 1 | 0 | 0 | 0 | 27 | 729 |
| 1 | 0 | 0 | 1 | 24 | 576 |
| 1 | 0 | 0 | 0 | 24 | 576 |
| 1 | 0 | 0 | 0 | 24 | 576 |
| 0 | 1 | 0 | 1 | 24 | 576 |
| 0 | 0 | 0 | 0 | 23 | 529 |
| 0 | 0 | 0 | 1 | 23 | 529 |
| 1 | 0 | 0 | 1 | 22 | 484 |
| 0 | 0 | 0 | 1 | 22 | 484 |
| 0 | 0 | 0 | 1 | 21 | 441 |
| 1 | 0 | 0 | 0 | 20 | 400 |
| 0 | 0 | 0 | 0 | 19 | 361 |
| 1 | 1 | 0 | 0 | 19 | 361 |
| 0 | 0 | 0 | 0 | 19 | 361 |
| 1 | 1 | 0 | 0 | 18 | 324 |
| 0 | 1 | 0 | 1 | 18 | 324 |
| 0 | 0 | 0 | 1 | 17 | 289 |
| 19 | 6 | 3 | 22 | 781 | 20371 |
| 26,68 | 23,33 | 29,33 | 26,73 |  |  |
| 25,19 | 25,19 | 25,19 | 25,19 |  |  |
| 0,61 | 0,19 | 0,10 | 0,71 |  |  |
| 0,39 | 0,81 | 0,90 | 0,29 |  |  |
| 1,58 | 0,24 | 0,11 | 2,44 |  |  |
| 4,73 | 4,73 | 4,73 | 4,73 |  |  |
| 0,40 | -0,19 | 0,29 | 0,51 |  |  |
|  |  |  |  |  |  |
| Valid | Invalid | Invalid | Valid |  |  |
| 19 | 6 | 3 | 22 |  |  |
| 31 | 31 | 31 | 31 |  |  |
| 0,61 | 0,19 | 0,10 | 0,71 |  |  |
| Medium | Difficult | Difficult | Easy |  |  |
| 14 | 2 | 3 | 15 |  |  |
| 5 | 4 | 0 | 7 |  |  |
| 16 | 16 | 16 | 16 |  |  |
| 15 | 15 | 15 | 15 |  |  |
| 0,54 | -0,14 | 0,19 | 0,47 |  |  |
| Good | Least | Less | Good |  |  |
| Used | Unused | Unused | Used |  |  |
| 0,55882353 | 0,17647059 | 0,08823529 | 0,64705882 |  |  |
| 0,44117647 | 0,82352941 | 0,91176471 | 0,35294118 |  |  |
| 0,24653979 | 0,14532872 | 0,08044983 | 0,2283737 |  |  |

## Appendix 6

## The Computation of Item Validity

Formula:

$$
\gamma_{\mathrm{pbi}}=\frac{M p-M t}{S t} \sqrt{\frac{p}{q}}
$$

## Explanation:

$M_{P} \quad$ : The average of subject score who can answer right on the items which the validity is looked for
$M_{t} \quad$ : The average of total score
$\mathrm{S}_{\mathrm{t}} \quad: \quad$ The deviation standard of total score
$\mathrm{p} \quad$ : The student proportion who can answer right
$\mathrm{q} \quad: \quad$ The student proportion who answer wrong
Criteria:
The item is valid if $\mathrm{r}_{\mathrm{xy}}>\mathrm{r}_{\text {table }}$
Calculation:
Below is the example of the item validity of number 2

| NO | CODE | X | Y | $\mathrm{X}^{2}$ | $\mathrm{Y}^{2}$ | XY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $\mathrm{U}-28$ | 0 | 33 | 0 | 1089 | 0 |
| 2 | $\mathrm{U}-14$ | 0 | 32 | 0 | 1024 | 0 |
| 3 | $\mathrm{U}-16$ | 1 | 31 | 1 | 961 | 31 |
| 4 | $\mathrm{U}-25$ | 0 | 31 | 0 | 961 | 0 |
| 5 | $\mathrm{U}-31$ | 1 | 30 | 1 | 900 | 30 |
| 6 | $\mathrm{U}-10$ | 1 | 30 | 1 | 900 | 30 |
| 7 | $\mathrm{U}-17$ | 1 | 30 | 1 | 900 | 30 |
| 8 | $\mathrm{U}-02$ | 0 | 29 | 0 | 841 | 0 |
| 9 | $\mathrm{U}-08$ | 0 | 29 | 0 | 841 | 0 |
| 10 | $\mathrm{U}-23$ | 1 | 29 | 1 | 841 | 29 |
| 11 | $\mathrm{U}-19$ | 1 | 29 | 1 | 841 | 29 |
| 12 | $\mathrm{U}-29$ | 1 | 28 | 1 | 784 | 28 |
| 13 | $\mathrm{U}-20$ | 1 | 28 | 1 | 784 | 28 |
| 14 | $\mathrm{U}-01$ | 1 | 28 | 1 | 784 | 28 |


| 15 | U-06 | 1 | 27 | 1 | 729 | 27 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | U-11 | 0 | 24 | 0 | 576 | 0 |
| 17 | U-27 | 0 | 24 | 0 | 576 | 0 |
| 18 | U-07 | 0 | 24 | 0 | 576 | 0 |
| 19 | U-18 | 0 | 24 | 0 | 576 | 0 |
| 20 | U-12 | 0 | 23 | 0 | 529 | 0 |
| 21 | U-03 | 0 | 23 | 0 | 529 | 0 |
| 22 | U-30 | 1 | 22 | 1 | 484 | 22 |
| 23 | U-09 | 0 | 22 | 0 | 484 | 0 |
| 24 | U-26 | 0 | 21 | 0 | 441 | 0 |
| 25 | U-05 | 0 | 20 | 0 | 400 | 0 |
| 26 | U-22 | 0 | 19 | 0 | 361 | 0 |
| 27 | U-13 | 0 | 19 | 0 | 361 | 0 |
| 28 | U-21 | 0 | 19 | 0 | 361 | 0 |
| 29 | U-04 | 0 | 18 | 0 | 324 | 0 |
| 30 | U-15 | 0 | 18 | 0 | 324 | 0 |
| 31 | U-24 | 0 | 17 | 0 | 289 | 0 |
|  | SUM | 11 | 781 | 11 | 20371 | 312 |

From the table, obtained data:
$M_{P} \quad=\frac{\text { Total scores of student who get right answer on item number } 2}{\text { Total students who get right answers on item number } 2}$
$=\frac{312}{11}$
$=28.27$
$M_{t}$
$=\frac{\text { Total score of whole students }}{\text { Total of students }}$
$=\frac{781}{31}$
$=25.19$
$\mathrm{P} \quad=\frac{\text { Total students who get right answer on item number } 2}{\text { Total of students }}$
$=\frac{11}{31}$
$=0.97$

$$
\mathrm{q}=1 \quad \mathrm{p}=1-0.97=0.03
$$

$S_{\text {t }}=\sqrt{\frac{20371-\frac{(781)^{2}}{31}}{31}}=4.73$
$\mathrm{r}_{\mathrm{pbi}}=\frac{28.77-25.19}{4.73} \sqrt{\frac{0.97}{0.03}}$
$=0.48$
$\mathrm{r}(\mathrm{xy})$ for $\alpha=5 \%$ with $\mathrm{N}=31$, it would be obtained 0.355
Because $r$ count $>r$ table, so the item number 2 is valid.

## Appendix 7

## COMPUTATION OF RELIABILITY

Formula:
$r_{11}=\left(\frac{k}{k-1}\right)\left(\frac{s^{2}-\Sigma p q}{s^{2}}\right)$

## Keterangan:

$\mathrm{r}_{11}$ : The reliability coefficient of items
$S^{2} \quad: \quad$ The varian
p : The proportion of students who give the right answer
$\mathrm{q} \quad: \quad$ The proportion of students who give the wrong answer
$\mathrm{k} \quad$ : The number of item in the test

## Kriteria

| Interval | Kriteria |
| :---: | :---: |
| $\mathrm{r}_{11} \leq 0,2$ | Very low |
| $0,2<\mathrm{r}_{11} \leq 0,4$ | Low |
| $0,4<\mathrm{r}_{11} \leq 0,6$ | Medium |
| $0,6<\mathrm{r}_{11} \leq 0,8$ | High |
| $0,8<\mathrm{r}_{11} \leq 1,0$ | Very high |

Based on the analysis of test table obtained:

$$
\begin{aligned}
\mathrm{k} & =40 \\
\Sigma p q & =7,1843 \\
\mathrm{~S}^{2} & =\frac{\sum Y^{2}-\frac{\left(\sum Y\right)^{2}}{N}}{N}=\frac{20371-\left(\frac{609961}{31}\right)}{31}=22,4142 \\
& =\left(\frac{40}{40}\right)\left(\frac{22,4142-2,718}{22,42}\right) \\
& =0,6969 \quad=0,7
\end{aligned}
$$

The result shows that 0,7 is more than 0,6 ; it means that the items of instrument were high.

## Appendix 8

## COMPUTATION OF DIFFICULT LEVEL

Formula:


Explanation:

| P | : |
| :--- | :--- |
| N Indeks kesukaran |  |
| N | : |

Criteria:

| Interval (Difficulty Level) | Criteria |
| :---: | :---: |
| $0,00-0,30$ | Difficult |
| $0,31-0,70$ | Medium |
| $0,71-1,00$ | Easy |

Here is an example of calculation on item number 2, next to other items calculated in the same manner, and was obtained as the analysis table items.

| Up Group |  |  | Down Group |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No | Code | Score | No | Code | Score |
| 1 | U-28 | 0 | 1 | U-27 | 0 |
| 2 | U-14 | 0 | 2 | U-07 | 0 |
| 3 | U-16 | 1 | 3 | U-18 | 0 |
| 4 | U-25 | 0 | 4 | U-12 | 0 |
| 5 | U-31 | 1 | 5 | U-03 | 0 |
| 6 | U-10 | 1 | 6 | U-30 | 1 |
| 7 | U-17 | 0 | 7 | U-09 | 0 |
| 8 | U-02 | 1 | 8 | U-26 | 0 |
| 9 | U-08 | 0 | 9 | U-05 | 0 |
| 10 | U-23 | 1 | 10 | U-22 | 0 |
| 11 | U-19 | 1 | 11 | U-13 | 0 |
| 12 | U-29 | 1 | 12 | U-21 | 0 |
| 13 | U-20 | 1 | 13 | U-04 | 0 |
| 14 | U-01 | 1 | 14 | U-15 | 0 |
| 15 | U-06 | 1 |  |  |  |
| 16 | U-11 | 0 | 15 | U-24 | 0 |
| Sum |  | 10 |  |  | 1 |

$$
\begin{aligned}
P & =\frac{10}{}+\frac{1}{31} \\
& =0,35
\end{aligned}
$$

Based on criteria, item number 2 is medium.

## Appendix 9

## COMPUTATION OF DISCRIMINATING POWER

## Multiple Choice Question <br> Formula: <br> $D=\frac{B_{A}}{J_{A}}-\frac{B_{B}}{J_{B}}$

Keterangan:
D : Discriminating power
$\mathrm{B}_{\mathrm{A}}$ : The number of students who get correct answer on top group
$B_{B}$ : The number of students who get correct answer on bottom group
$\mathrm{J}_{\mathrm{A}}$ : Number of students on top group
JB : Number of students on bottom group
Criteria:

| Interval (D) |  |  | Criteria |
| :---: | :---: | :---: | :---: |
|  |  | D | $\leq 0,00$ |
| Least |  |  |  |
| $0,00<$ | D | $\leq 0,20$ | Less |
| $0,20<$ | D | $\leq 0,40$ | Enough |
| $0,40<$ | D | $\leq 0,70$ | Good |
| $0,70<$ | D | $\leq 1,00$ | Excellent |

## Calculation

Below is the example of the computation of discriminating power on item number 2.

| Top Group |  |  | Bottom Group |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No | Code | Score | No | Code | Score |
| 1 | U-28 | 0 | 1 | $\mathrm{U}-27$ | 0 |
| 2 | $\mathrm{U}-14$ | 0 | 2 | $\mathrm{U}-07$ | 0 |
| 3 | $\mathrm{U}-16$ | 1 | 3 | $\mathrm{U}-18$ | 0 |
| 4 | $\mathrm{U}-25$ | 0 | 4 | $\mathrm{U}-12$ | 0 |
| 5 | $\mathrm{U}-31$ | 1 | 5 | $\mathrm{U}-03$ | 0 |
| 6 | $\mathrm{U}-10$ | 1 | 6 | $\mathrm{U}-30$ | 1 |
| 7 | $\mathrm{U}-17$ | 1 | 7 | $\mathrm{U}-09$ | 0 |
| 8 | $\mathrm{U}-02$ | 0 | 8 | $\mathrm{U}-26$ | 0 |
| 9 | $\mathrm{U}-08$ | 0 | 9 | $\mathrm{U}-05$ | 0 |
| 10 | $\mathrm{U}-23$ | 1 | 10 | $\mathrm{U}-22$ | 0 |
| 11 | $\mathrm{U}-19$ | 1 | 11 | $\mathrm{U}-13$ | 0 |
| 12 | $\mathrm{U}-29$ | 1 | 12 | $\mathrm{U}-21$ | 0 |
| 13 | $\mathrm{U}-20$ | 1 | 13 | $\mathrm{U}-04$ | 0 |
| 14 | $\mathrm{U}-01$ | 1 | 14 | $\mathrm{U}-15$ | 0 |
| 15 | $\mathrm{U}-06$ | 1 | 15 | $\mathrm{U}-24$ | 0 |
| 16 | $\mathrm{U}-11$ | 0 |  | 0 |  |
| Jumlah |  |  | 10 | Jumlah |  |

$$
\begin{aligned}
\text { DP } & =\frac{10}{16}-\frac{1}{15} \\
& =0,56
\end{aligned}
$$

Based on criteria, item number 2 is very good

## Appendix 10

LIST OF NAME IN EXPERIMENTAL CLASS (VIII A)

| NO | NAME | CODE |
| :---: | :---: | :---: |
| 1 | AHMAD UBAIDILLAH | EC-01 |
| 2 | AJI SOPO ASEGAF | EC-02 |
| 3 | ALAFAN AFLAH | EC-03 |
| 4 | ALAFIN AFLAH | EC-04 |
| 5 | ALFI HIMAWATI | EC-05 |
| 6 | ANISA' FITRIANA | EC-06 |
| 7 | DEVI PRASETYANINGSIH | EC-07 |
| 8 | DWI NUGROHO | EC-08 |
| 9 | DWI RAHAYU | EC-09 |
| 10 | ELI RAKHMAWATI | EC-10 |
| 11 | FATMA WINDIANA | EC-11 |
| 12 | FENDI HENDRI PRASTIAWAN | EC-12 |
| 13 | HANI' NAVILA | EC-13 |
| 14 | HURFATUL USKO | EC-14 |
| 15 | IRMA YULITA | EC-15 |
| 16 | KHANIF AFIFAH | EC-16 |
| 17 | LINA RIFATUL MUNA | EC-17 |
| 18 | M. FIKRI LABIB | EC-18 |
| 19 | M. SYAUQI AUNILLAH | EC-19 |
| 20 | MUHAMMAD KHABIBATUL ROH | EC-20 |
| 21 | MUHAMMAD KHAIRUL UMAM | EC-21 |
| 22 | MUHAMMAD IZZA ZULFANA | EC-22 |
| 23 | NAELLI KHANIFATUN NAIROH | EC-23 |
| 24 | NUR KHUSNI KINASIH | EC-24 |
| 25 | NUR SAKINAH | EC-25 |
| 26 | RIYAN KHARISTIA | EC-26 |
| 27 | ROZAQUL ARIFIN | EC-27 |
| 28 | SHOFI NUR HIDAYAH | EC-28 |
| 29 | SONAFI MUSTHOFA AQIL | EC-29 |
| 30 | WAHID KHASAN | EC-30 |
| 31 | ZAHROTUS SYIFA | EC-31 |
| 32 | FITROTUS SYARIAH | EC-32 |
| 33 | WILDAN MUBAROK | EC-33 |

## Appendix 11

LIST OF NAME IN CONTROL CLASS (VIII B)

| NO | NAME | CODE |
| :---: | :--- | :---: |
| 1 | ADE NUR ASIH | CC-01 |
| 2 | ADI SULISTIO | CC-02 |
| 3 | AHMAD KHUSNUL KHULUK | CC-03 |
| 4 | AINUL YAQIN | CC-04 |
| 5 | ALFIATUR ROHMANIAH | CC-05 |
| 6 | ALIF RIFQIAWAN FALAH | CC-06 |
| 7 | ALYA REVIANA PUTRI | CC-07 |
| 8 | ARGA AZZAM DINATA | CC-08 |
| 9 | ARI DWI SAPUTRA | CC-09 |
| 10 | ARI YOFIKA KAMANGSARI | CC-10 |
| 11 | AZIMATUN NAFI'AH | CC-11 |
| 12 | DANIA TSALISA | CC-12 |
| 13 | DAVIT SAPUTRA | CC-13 |
| 14 | DIAN FITRIYANA | CC-14 |
| 15 | DIMAS AGUNG MAULANA | CC-15 |
| 16 | FERI IRAWAN | CC-16 |
| 17 | FITRIANINGSIH | CC-17 |
| 18 | HAFID WIJAYA | CC-18 |
| 19 | KHAIRUDDINA | CC-19 |
| 20 | LAILUL MUFIDAH | CC-20 |
| 21 | MIFTAHUKHUL HIDAYAH | CC-21 |
| 22 | MUHAMAD FIKRIL ULYA | CC-22 |
| 23 | MUKHAMAD IQBAL HUSNI | CC-23 |
| 24 | NUR AINI | CC-24 |
| 25 | RASUL LOUISE MUHAMMAD | CC-25 |
| 26 | RENO VIDIYAN | CC-26 |
| 27 | RIZKI DESI AZZAHRO | CC-27 |
| 28 | ZULFIKA AHMAD ROMADHON | CC-28 |
| 29 | KHOIRUL UMAM | CC-29 |
| 30 | UMMAHATUL FITROH | CC-30 |

## Appendix 12

List of Group in Experimental Class

| Group 1 | Group 2 |  |
| :--- | :--- | :--- |
| Name of Students |  |  |
| 1. Shofi Nur Hidayah (G) | 1. | Hurfatul Usko (G) |
| 2. Devi Prasetyaningsih | 2. | Eli Rakhmawati (G) |
| 3. Anisa Fitriana | 3. | Nur Sakinah |
| 4. Naeli Khanifatun N. | 4. | Irma Yulita |
| 5. Lina Rifatul M. (G) |  |  |


| Group 3 | Group 4 |
| :---: | :---: |
| Name of Students |  |
| 1. Alfi Himawati (G) | 1. Hani' Navila |
| 2. Dwi Rahayu | 2. M. Sauqi Aunillah (G) |
| 3. Fatma Windiana | 3. Fitrotus Syariah (G) |
| 4. Ryan Kharistya (G) | 4. Zahrotus Syifa |


| Group 5 |  | Group 6 |  |
| :--- | :--- | :--- | :---: |
| Name of Students |  |  |  |
| 1. Ahmad Ubaidillah | 1. | Aji Sopo Asegaf (G) |  |
| 2. Alafan Aflah | 2. | Alafin Aflah (G) |  |
| 3. Khanif Afifah (G) | 3. | M. Khairul Umam |  |
| 4. Nur Khusni Kinasih (G) | 4. | Sonafi Mustofa Akil |  |
|  |  |  |  |



## Appendix 13

LIST OF INITIAL VALUES OF EXPERIMENTAL AND CONTROL CLASS

| No | Experiment Class | Value | No | Control Class | Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | EC-01 | 60 | 1 | CC-01 | 70 |
| 2 | EC-02 | 65 | 2 | CC-02 | 50 |
| 3 | EC-03 | 65 | 3 | CC-03 | 70 |
| 4 | EC-04 | 65 | 4 | CC-04 | 45 |
| 5 | EC-05 | 45 | 5 | CC-05 | 30 |
| 6 | EC-06 | 60 | 6 | CC-06 | 70 |
| 7 | EC-07 | 55 | 7 | CC-07 | 55 |
| 8 | EC-08 | 50 | 8 | CC-08 | 60 |
| 9 | EC-09 | 55 | 9 | CC-09 | 55 |
| 10 | EC-10 | 50 | 10 | CC-10 | 55 |
| 11 | EC-11 | 60 | 11 | CC-11 | 70 |
| 12 | EC-12 | 45 | 12 | CC-12 | 30 |
| 13 | EC-13 | 65 | 13 | CC-13 | 60 |
| 14 | EC-14 | 40 | 14 | CC-14 | 50 |
| 15 | EC-15 | 65 | 15 | CC-15 | 60 |
| 16 | EC-16 | 55 | 16 | CC-16 | 70 |
| 17 | EC-17 | 50 | 17 | CC-17 | 60 |
| 18 | EC-18 | 40 | 18 | CC-18 | 55 |
| 19 | EC-19 | 55 | 19 | CC-19 | 75 |
| 20 | EC-20 | 55 | 20 | CC-20 | 75 |
| 21 | EC-21 | 50 | 21 | CC-21 | 65 |
| 22 | EC-22 | 60 | 22 | CC-22 | 75 |
| 23 | EC-23 | 45 | 23 | CC-23 | 55 |
| 24 | EC-24 | 60 | 24 | CC-24 | 50 |
| 25 | EC-25 | 50 | 25 | CC-25 | 60 |
| 26 | EC-26 | 50 | 26 | CC-26 | 65 |
| 27 | EC-27 | 65 | 27 | CC-27 | 70 |
| 28 | EC-28 | 50 | 28 | CC-28 | 60 |
| 29 | EC-29 | 50 | 29 | CC-29 | 70 |
| 30 | EC-30 | 45 | 30 | CC-30 | 80 |
| 31 | EC-31 | 55 |  |  |  |
| 32 | EC-32 | 65 |  |  |  |
| 33 | EC-33 | 70 |  |  |  |
| Jumlah |  | 1815 |  |  | 1815 |
| Rata-rata |  | 55,00 |  |  | 60,50 |
| Nilai Tertinggi |  | 70 |  |  | 80 |
| Nilai Terendah |  | 40 |  |  | 30 |
| Standar Deviasi(Simpangan Baku) |  | 8,10 |  |  | 12,13 |

## Appendix 14

NORMALITY TEST OF PRE TEST IN EXPERIMENTAL

## CLASS

| Statistik | Variabel |
| :---: | :---: |
| N Sampel | 33 |
| Mean | 55,606 |
| Simpangan Baku | 9,334 |


| Variabel | Zi | F(zi) | S(zi) | F(zi) - S(zi) |
| :---: | :---: | :---: | :---: | :---: |
| 40 | -1,6720 | 0,0473 | 0,0303 | 0,0170 |
| 40 | -1,6720 | 0,0473 | 0,0606 | 0,0133 |
| 45 | -1,1363 | 0,1279 | 0,0909 | 0,0370 |
| 45 | -1,1363 | 0,1279 | 0,1212 | 0,0067 |
| 45 | -1,1363 | 0,1279 | 0,1515 | 0,0236 |
| 45 | -1,1363 | 0,1279 | 0,1818 | 0,0539 |
| 50 | -0,6006 | 0,2740 | 0,2121 | 0,0619 |
| 50 | -0,6006 | 0,2740 | 0,2424 | 0,0316 |
| 50 | -0,6006 | 0,2740 | 0,2727 | 0,0013 |
| 50 | -0,6006 | 0,2740 | 0,3030 | 0,0290 |
| 50 | -0,6006 | 0,2740 | 0,3333 | 0,0593 |
| 50 | -0,6006 | 0,2740 | 0,3636 | 0,0896 |
| 50 | -0,6006 | 0,2740 | 0,3939 | 0,1199 |
| 50 | -0,6006 | 0,2740 | 0,4242 | 0,1502 |
| 55 | -0,0649 | 0,4741 | 0,4545 | 0,0196 |
| 55 | -0,0649 | 0,4741 | 0,4848 | 0,0107 |
| 55 | -0,0649 | 0,4741 | 0,5152 | 0,0410 |
| 55 | -0,0649 | 0,4741 | 0,5455 | 0,0713 |
| 55 | -0,0649 | 0,4741 | 0,5758 | 0,1016 |
| 55 | -0,0649 | 0,4741 | 0,6061 | 0,1319 |
| 60 | 0,4708 | 0,6811 | 0,6364 | 0,0447 |
| 60 | 0,4708 | 0,6811 | 0,6667 | 0,0144 |
| 60 | 0,4708 | 0,6811 | 0,6970 | 0,0159 |
| 60 | 0,4708 | 0,6811 | 0,7273 | 0,0462 |
| 60 | 0,4708 | 0,6811 | 0,7576 | 0,0765 |
| 65 | 1,0064 | 0,8429 | 0,7879 | 0,0550 |
| 65 | 1,0064 | 0,8429 | 0,8182 | 0,0247 |
| 65 | 1,0064 | 0,8429 | 0,8485 | 0,0056 |
| 65 | 1,0064 | 0,8429 | 0,8788 | 0,0359 |
| 65 | 1,0064 | 0,8429 | 0,9091 | 0,0662 |
| 65 | 1,0064 | 0,8429 | 0,9394 | 0,0965 |
| 75 | 2,0778 | 0,9811 | 0,9697 | 0,0114 |
| 80 | 2,6135 | 0,9955 | 1,0000 | 0,0045 |

Uji Normalitas Liliefors

| Liliefors Hitung | 0,150 |
| :--- | ---: |
| Derajat Kepercayaan | 0,050 |
| Liliefors | 0,886 |
| Liliefors Tabel | 0,154 |
| Kesimpulan | Normal |

## Appendix 15

NORMALITY TEST OF PRE TEST IN CONTROL CLASS

| Statistik | Variabel |
| :---: | :---: |
| N Sampel | 30 |
| Mean | 60,500 |
| Simpangan Baku | 12,131 |


| Variabel | Zi | F(zi) | S(zi) | F(zi) - S(zi) |
| :---: | :---: | :---: | :---: | :---: |
| 30 | -2,5143 | 0,0060 | 0,0333 | 0,0274 |
| 30 | -2,5143 | 0,0060 | 0,0667 | 0,0607 |
| 45 | -1,2777 | 0,1007 | 0,1000 | 0,0007 |
| 50 | -0,8656 | 0,1934 | 0,1333 | 0,0600 |
| 50 | -0,8656 | 0,1934 | 0,1667 | 0,0267 |
| 50 | -0,8656 | 0,1934 | 0,2000 | 0,0066 |
| 55 | -0,4534 | 0,3251 | 0,2333 | 0,0918 |
| 55 | -0,4534 | 0,3251 | 0,2667 | 0,0585 |
| 55 | -0,4534 | 0,3251 | 0,3000 | 0,0251 |
| 55 | -0,4534 | 0,3251 | 0,3333 | 0,0082 |
| 55 | -0,4534 | 0,3251 | 0,3667 | 0,0415 |
| 60 | -0,0412 | 0,4836 | 0,4000 | 0,0836 |
| 60 | -0,0412 | 0,4836 | 0,4333 | 0,0502 |
| 60 | -0,0412 | 0,4836 | 0,4667 | 0,0169 |
| 60 | -0,0412 | 0,4836 | 0,5000 | 0,0164 |
| 60 | -0,0412 | 0,4836 | 0,5333 | 0,0498 |
| 60 | -0,0412 | 0,4836 | 0,5667 | 0,0831 |
| 65 | 0,3710 | 0,6447 | 0,6000 | 0,0447 |
| 65 | 0,3710 | 0,6447 | 0,6333 | 0,0113 |
| 70 | 0,7831 | 0,7832 | 0,6667 | 0,1166 |
| 70 | 0,7831 | 0,7832 | 0,7000 | 0,0832 |
| 70 | 0,7831 | 0,7832 | 0,7333 | 0,0499 |
| 70 | 0,7831 | 0,7832 | 0,7667 | 0,0166 |
| 70 | 0,7831 | 0,7832 | 0,8000 | 0,0168 |
| 70 | 0,7831 | 0,7832 | 0,8333 | 0,0501 |
| 70 | 0,7831 | 0,7832 | 0,8667 | 0,0834 |
| 75 | 1,1953 | 0,8840 | 0,9000 | 0,0160 |
| 75 | 1,1953 | 0,8840 | 0,9333 | 0,0493 |
| 75 | 1,1953 | 0,8840 | 0,9667 | 0,0826 |
| 80 | 1,6075 | 0,9460 | 1,0000 | 0,0540 |


| Uji Normalitas Liliefors |  |
| :--- | ---: |
| Liliefors Hitung | 0,117 |
| Derajat Kepercayaan | 0,050 |
| Liliefors | 0,886 |
| Liliefors Tabel | 0,162 |
| Kesimpulan | Normal |

## Appendix 16

## HOMOGENEITY TEST OF PRE TEST

Source Data

| Sumber variasi | VIII A | VIII B |
| :---: | :---: | :---: |
| Jumlah | 1815 | 1815 |
| n | 33 | 30 |
| $\overline{\mathrm{X}}$ | 39,57 | 37,64 |
| Varians (S ${ }^{2}$ ) | 65,61 | 147,14 |
| Standart deviasi $(\mathrm{S})$ | 8,10 | 12,13 |

$\mathrm{F}_{\text {hitung }}=\frac{\text { varians terbesar }}{\text { varians terkecil }}=\frac{65,61}{147,14}=0,4459$
untuk $\alpha=5 \%$ dengan
dk pembilang $=\mathrm{nb}-\mathrm{k}=33-1=32$
dk penyebut $=\mathrm{nk}-\mathrm{k}=30-1=29$
F (0.05)(32:29) $=1.81$

Karena $F_{\text {hitung }}<F_{\text {tabel }}$ maka homogen

## Appendix 17

## SIMILARITY TEST BETWEEN EXPERIMENTAL AND CONTROL CLASS

| Sumber data |  |  |
| :---: | :---: | :---: |
| Sumber variasi | Eksperimen (V-A) | Kontrol (V-B) |
| Jumlah | 1815 | 1815 |
| n | 33 | 30 |
| $\overline{\mathrm{X}}$ | 39,570 | 37,640 |
| Varians $\left(\mathrm{s}^{2}\right)$ | 65,610 | 147,137 |
| Standart deviasi $(\mathrm{s})$ | 8,100 | 12,130 |

## Perhitungan



Dengan taraf signifikan $\alpha=5 \% \mathrm{dk}=\mathrm{n} 1+\mathrm{n} 2-2=33+30-2=61$
peluang $=1-1 / 2 \alpha=0,975$ dari daftar $\quad t_{\text {tabel }}=1,99$


Karena $\mathrm{t}_{\text {hitung }}$ berada pada daerah penerimaan Ho, maka dapat disimpulkan bahwa tidak ada perbedaan rata-rata dari kedua kelompok.

| Appendix 18 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SILABUS PEMBELAJARAN |  |  |  |  |  |  |  |  |
| Sekolah | : MTs Nurul Huda Banyuputih |  |  |  |  |  |  |  |
| Kelas | : VIII ( Delapan) |  |  |  |  |  |  |  |
| Mata Pelajaran | : BAHASA INGGRIS |  |  |  |  |  |  |  |
| Semester <br> Standar Kompetensi | : 1 (Satu) |  |  |  |  |  |  |  |
|  | : Membacal |  |  |  |  |  |  |  |
|  | 1. Memahami makna teks tulis fungsional dan esei pendek sederhana berbentuk descriptive dan recount yang berkaitan dengan lingkungan sekitar |  |  |  |  |  |  |  |
| KompetensiDasar | Materi <br> Pembelajaran | $\begin{aligned} & \text { Kegiatan } \\ & \text { Pembelajaran } \end{aligned}$ | Indikator <br> Pencapaian <br> Kompetensi | Penilaian |  |  | Alokasi Waktu | Sumber Belajar |
|  |  |  |  | Teknik | Bentuk <br> Instrumen | Contoh <br> Instrumen |  |  |
| 5.1 Membaca nyaring bermakna teks tulis fungsional dan esei berbentuk descriptive dan recount pendek dan sederhana dengan ucapan, tekanan dan intonasi yang berterima yang berkaitan dengan lingkungan sekitar | 1. Teks fungsional pendek berupa: | 1. Brain storming tentang berbagai hal terkait teks fungsional pendek berbentuk "undangan" /pesan pendek <br> 2. Mendengarkan undangan yang dibacakan oleh guru/teman <br> 3. membaca nyaring teks fungsioanl | - Membaca dengan nyaring dan bermakna teks fungsional pendek <br> - Mengidentifikasi berbagai informasi dalam teks fungsional pendek | Tes lisan | Membaca nyaring | $\begin{aligned} & \text { Read the the text } \\ & \text { aloud and } \\ & \text { clearly. } \end{aligned}$ | $6 \times 40$ menit | 1. Buku teks yang relevan <br> 2. Gambar |
|  | - Undangan |  |  |  |  |  |  |  |
|  | Contoh : <br> Dandi, |  |  | Tes tertulis | 1. Melengkapi | 1. Complete the |  | terkait |
|  | Please come |  |  |  |  | test using |  | tema/topik |
|  |  |  |  |  |  | correct |  |  |
|  | Day: Saturday |  |  |  |  | words |  | 3. Benda-benda |
|  | $\begin{aligned} & \text { Date:March } \\ & 1 \text { st,2008 } \end{aligned}$ |  |  |  | 2. Pilihan |  |  |  |
|  |  |  |  |  | ganda | 2. Choose the |  |  |
|  | Time : 10.00 <br> Place : Osis Reuni |  |  |  |  |  |  |  |
|  | Place : Osis Reuni Don't be late ! |  | - Mengidentifikasi fungsi sosial teks |  |  |  |  |  |


|  |  |  |
| :---: | :---: | :---: |
|  |  |  |
| $\begin{aligned} & \text { g } \\ & \text { g } \\ & \text { d } \\ & 0 \\ & 0 \end{aligned}$ |  |  |
|  | $$ | ¢ |
| 总 |  | $\begin{aligned} & \text { 会 } \\ & \text { n } \\ & \end{aligned}$ |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |



| Kompetensi <br> Dasar |  | Materi <br> Pembelajaran | Kegiatan Pembelajaran | Indikator <br> Pencapaian <br> Kompetensi | Penilaian |  |  | Alokasi <br> Waktu | Sumber <br> Belajar |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Teknik |  |  | Bentuk <br> Instrumen | Contoh <br> Instrumen |  |  |
|  | Merespon makna dan langkah retorika dalam esei pendek sederhana secara akurat, lancar dan berterima yang berkaitan dengan lingkungan sekitar dalam teks berbentuk descriptive dan recount |  | 1. Teks tulis berbentuk descriptive dan recount <br> - Makna gagasan <br> - Makna tekstual dalam teks descriptive dan recount <br> 2. Langkah retorika teks descriptive dan recount <br> 3. Tujuan komunikatif teks descriptive dan recount <br> 4. Ciri kebahasaan teks descriptive dan recount | nyaring dan bermakna teks descriptive/ recount |  |  |  |  |  |  |
| $\begin{array}{\|c\|} \hline * \text { Karakter siswa yang diharapkan }: \text { Dapat dipercaya (Trustworthines) } \\ \\ \text { Rasa hormat dan perhatian (respect) } \\ \text { Tekun (diligence) } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |

## Appendix 19

# LESSON PLAN (CONTROL CLASS) 

| Subject | $:$ English |
| :--- | :--- |
| Theme | $:$ Recount |
| Grade | $:$ VIII |
| Semester | $:$ I |
| Time Allotment | $: 4 \times 40$ Minutes |

## Standard of Competence

2. Understand the meaning of functional oral text and short simple monologue descriptive and recount form to interact with their environment.

## Basic Competence

2.2 Responding to the short simple monologue accurate, fluent and acceptance to interact with their environment on text form of descriptive and recount.

## Indicator

* Students are able to explain the meaning and information of recount text.
* Students are able to identify purpose and rhetorical steps of recount text.

Skill focus: Reading
Teaching Method: Discussion
Activities:

## *(First Meeting)

1. Introduction (10 minutes)
$>$ Teacher greets all students.
$>$ Teacher asks students' condition.
> Teacher checks attendance list of students.
2. Main Activities ( 40 minutes)
a. Exploration

- Teacher asks students "have you ever share your vacation to others?'
- Teacher asks students about their simple vacation in past.
b. Elaboration
- Teacher explains the material about recount text.
- Teacher shows students some parts and purpose of recount text in detail.
- Teacher gives the students opportunity to ask about material.
- Teacher shows model and the example of recount text.
- Teacher asks students to make a couple groups.
- Teacher gives an example of recount text to each groups, students have to identify and discuss the text.
- Teacher asks students to show and write down result on the paper.
- Teacher gives times to students to ask about difficult words in text.
c. Confirmation (20 minutes)
- Teacher asks some students related about the material.
- Teacher gives evaluation about material that they have learnt.

3. Closing activity ( 10 minutes)

- Teacher gives motivation to the students to improve that they have learnt.
- Teacher closes the meeting.


## *(Second Meeting)

1. Introduction (10 minutes)
$>$ Teacher greets to all students.
$>$ Teacher asks students' condition.
$>$ Teacher checks attendance list of students.
2. Main Activities ( 40 minutes)
a. Exploration

- Teacher asks students "do you want to share your experience to others?'
- Teacher asks students about their simple experience in past.
b. Elaboration
- Teacher asks students to make a group each group consist of 4 or 5 students.
- Teacher gives a paper for each group related with recount text.
- Students try to identify and discuss about generic structure, language features and meaning of text.
- Teacher asks students to write down result on the paper.
- Teacher asks students to choose a representative from each group to present and read aloud their result of discussion.
- Teacher gives times to students to ask about difficult words in text.
c. Confirmation (20 minutes)
- Teacher asks some students related about the material.
- Teacher gives evaluation about material that they have learnt.

3. Closing activity ( 10 minutes)

- Teacher gives motivation to the students to improve that they have learnt.
- Teacher closes the meeting.


## Materials:

Recount is a text which retells events or experiences in the past. Its social function is either to inform the purpose, to entertain or to retell the events to audience. There is no complication among the participants and that differentiates from narrative. Recount is a piece of text that retells past events, usually in the order in which they happened.

The purpose of a recount is to give the audience a description of what occurred and when it happened.

## Types of recount:

- Personal recount, these usually retell an event that the writer was personally involved in;
- Factual recount, recording an incident, e.g. a science experiment, police report;
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Generic structure of recount:

- Orientation, introducing the participants, place and time;
- Events, describing series of event that happened in the past;
- Reorientation, it is optional. Stating personal comment of the writer to the story.

Language feature of recount:

- Introducing personal participant, e.g. I, my group, etc;
- Using chronological connection, e.g. then, first, etc;
- Using linking verb, e.g. was, were, saw, heard, etc;
- Using action verb, e.g. look, go, change, etc;
- The recount has a title, which usually summarizes the text;
- Specific participants, e.g. Mum, The Crab, etc;
- The basic recount consists of three parts, the setting or orientation - background information answering who, when, where, why. Events are identified and described in chronological order. Concluding comments express a personal opinion regarding the events described;
- Details are selected to help the reader reconstruct the activity or incident (factual recount);
- The ending may describe the outcome of the activity (e.g. "In a science activity" (factual recount));
- Details of time, place and incident need to be clearly stated (e.g. "At 11.15 pm, between Reid Rd and Havelock St., a man drove at 140 kilometers toward the shopping centre" (factual recount));
- Descriptive details may also be required to provide information (e.g. "He was a skinny boy with a blue shirt" or "Red sneakers and long tied back hair" (factual recount));
- Includes personal thoughts/reactions (imaginative recount);
- Using material processes, e.g. was walking, etc;
- Focusing on temporal sequences;
- Describes events;
- Using adverb;
- Passive voice may be used;
- Using simple past tense.

Example of recount:
(First Meeting)

## Tour in Bali

There were so many places to see in Bali that my friend decided to join the tours to see as much as possible. My friend stayed in Kuta on arrival. He spent the first three days swimming and surfing
on Kuta beach. He visited some tour agents and selected two tours. The first one was to Singaraja, the second was to Ubud.

On the day of the tour, he was ready. My friend and his group drove on through mountains. Singaraja is a city of about 90 thousand people. It is a busy but quiet town. The streets are lined with trees and there are many Old Dutch houses. Then they returned very late in the evening to Kuta.

The second tour to Ubud was a very different tour. It was not to see the scenery but to see the art and the craft of the island. The first stop was at Batubulan, a center of stone sculpture. There my friend watched young boys were carving away at big blocks of stone. The next stop was Celuk, a center for silversmiths and goldensmiths. After that he stopped a little while for lunch at Sukawati and on to mass. Mass is a tourist center.

My friend ten-day-stay ended very quickly beside his two tours, all his day was spent on the beach. He went sailing or surfboarding every day. He was quiet satisfied.
"English On Sky 2 (EOS) for Junior High School Students Year VIII"
(Second Meeting)

## My Holiday

On February 8th, 2016, I thought this would be a great holiday for me because that was Chinese New Year holiday. I didn't celebrate the Chinese New Year as I'm not Chinese but I guessed that it was a good time for me to get full refreshing. I was so tired to studying. However, the unpredictable fact broke everything up.

First like an ordinary daughter, I had to get up early morning to help my mother, of course after I prayed. Then I did the dishes, cleaned up my room, and did my bed. I was really in danger if my mom knew that my room was messy. So, I made it as soon as possible. After finishing everything, my aunts called me in the afternoon. I did not meet them for a long time so we kept for hours to talk about some
up to date gossips. Not long after that, my neighbor who is also my schoolmate visited me. She asked my help to finish her homework. At last, the time was running and the homework was successfully finished. An unpredictable moment happened after that. To my surprised, I just remembered that I had a lot of homework too. I got confused and regretful why I did not check it. As the consequence, I did my homework until late night and it was hardly finished. Since then, I always check my homework before having a holiday.

I did not feel this was holiday instead of I had to work hard and got a long ship with my homework.

[^0]Media: Paper, whiteboard and board marker Source:

- Brankas Soal UN SMP/MTs Bahasa Inggris (Edisi Lengkap 10 Tahun)
- English On Sky 2 (EOS) for Junior High School Students Year VIII
- www.bahasainggrisoke.com
- www.zenius.net


## Assessment:

| Form | $:$ Written. |
| :--- | :--- |
| Technique | $:$ Students are assigned to choose answer from |
|  | multiple choices. |
| Instrument | $:$ Test. |

## Scoring guide:

Correct Answer each questions give 1 score
Maximum score $=20$

$$
\text { Student value }=\frac{\text { StudentScore }}{\text { MaximumScae }} x 10
$$



# LESSON PLAN <br> (EXPERIMENTAL CLASS) 

| Subject | $:$ English |
| :--- | :--- |
| Theme | $:$ Recount |
| Grade | $:$ VIII |
| Semester | $:$ I |
| Time Allotment | $: 4 \times 40$ Minutes |

## Standard of Competence

3. Understand the meaning of functional oral text and short simple monologue descriptive and recount form to interact with their environment.

## Basic Competence

2.3 Responding to the short simple monologue accurate, fluent and acceptance to interact with their environment on text form of descriptive and recount.

## Indicator

* Students are able to explain the meaning and information of recount text.
* Students are able to identify purpose and rhetorical steps of recount text.


## Skill focus: Reading

Teaching Method: Discussion
Teaching Technique: Two-stay Two-stray Technique Activities:

## *(First Meeting)

1. Introduction (10 minutes)
$>$ Teacher greets all students.
$>$ Teacher asks students' condition.
$>$ Teacher checks attendance list of students.
2. Main Activities ( 40 minutes)
a. Exploration

- Teacher asks students "have you ever share your vacation to others?'
- Teacher asks students about their simple vacation in past.
b. Elaboration
- Teacher explains the material about recount text.
- Teacher shows students some parts and purpose of recount text in detail.
- Teacher gives the students opportunity to ask about material.
- Teacher shows model and the example of recount text.
- Teacher gives the students opportunity to ask about previous material about recount text.
- Teacher asks students to make a small group, consists of $4 / 5$ students.
- Teacher gives a paper of recount text to each groups of students, students have to identify and discuss the recount text with two-stay two-stray method;
a. After each group discuss with their own group, they divide into two parts of small group again: two students stay and two students stray.
b. Stay means students have to accept guests from other groups and share the information from their own text. Stray means students have to visit other groups to share and know information from others.
c. Until time is over, students back to their own groups again. Then, discuss and compare the information that they get.
d. Teacher asks the representative from each group to show their result discussion in front of class.
e. Teacher gives times to students to ask about difficult words in text.
c. Confirmation ( 20 minutes)
- Teacher asks some students related about the material.
- Teacher gives evaluation about material that they have learnt.

3. Closing activity ( 10 minutes)

- Teacher gives motivation to the students to improve that they have learnt.
- Teacher closes the meeting.


## *(Second Meeting)

1. Introduction (10 minutes)
$>$ Teacher greets to all students.
$>$ Teacher asks students' condition.
$>$ Teacher checks attendance list of students.
2. Main Activities ( 40 minutes)
a. Exploration

- Teacher asks students "do you want to share your experience to others?'
- Teacher asks students about their simple experience in past.
b. Elaboration
- Teacher gives the students opportunity to ask about previous material about recount text.
- Teacher asks students to make a small group, consists of $4 / 5$ students again.
- Teacher gives a paper of recount text to each groups of students, students have to identify and discuss the recount text with two-stay two-stray method;
f. After each group discuss with their own group, they divide into two parts of small group again: two students stay and two students stray.
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h. Until time is over, students back to their own groups again. Then, discuss and compare the information that they get.
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"http://www.englishiana.com/2016/03/10-contoh-recount-text-holiday-dan.html? $m=1$ "

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Technique : Students are assigned to choose answer from multiple choices.
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Maximum score $=20$

$$
\text { Student value }=\frac{\text { StudentScare }}{\text { MaximumScae }} x 100
$$

Batang, $11^{\text {th }}$ February 2016

Known By,

A. Munawwir, S.Pd

3325081002630001

Researcher


Isa Aulia Rohman 123411055

## Appendix 21

## Post-test

| Subject | $:$ English |
| :--- | :--- |
| Theme | $:$ Recount |
| Class | $:$ IX |
| Time | $: \mathbf{6 0}$ minutes |

## Read the text carefully!

(Text 1)
On Wednesday, my students and I went to Yogyakarta. We stayed at Dirgahayu Hotel which is not far from Malioboro.

On Thursday, we visited the temples in Prambanan. There are three big temples, the Brahmana, Syiwa and Wisnu temples. They are really amazing. We visited only Brahmana and Syiwa temples, because Wisnu temple is being renovated.

On Friday morning we went to Yogya Kraton. We spent about two hours there. We were lucky because we were led by a smart and friendly guide. Then we continued our journey to Borobudur. We arrived there at four p.m. at 5 p.m. We heard the announcement that Borobudur gate would be closed. In the evening we left for Jakarta by bus.
(adapted from www.caramudahbelajarbahasainggris.net)

1. The purpose of the text is to...
e. Tell past event
f. Entertain readers
g. Describe the smugglers
h. Report an event to the police
2. Why did they only visit Brahmana and Syiwa Temples?
e. Because there was no wisnu temple
f. Because wisnu temple was amazing
g. Because wisnu temple was too small
h. Because wisnu temple was being repaired

## (Text 2)

Last holiday, I went to Surabaya with my friend for vacation. We went there on a night bus.

When we arrived in Lamongan, the bus stopped at a small restaurant for a rest. I got off the bus to get a cup of ginger tea, and my friend drank some cold lemonade. Then I went to the toilet. It took only a few minutes.

When I came out again, the bus was not there. It had gone! My friend was not there too. Feeling shocked and confused, I asked a waitress about the bus. She said that the bus departed about five minutes ago.

I tried to call my friend on my cell-phone, but the battery was running low.

I could not do anything but hope and pray. After several minutes, my wish came true. The bus came back! I got on the bus and walked to my seat.

I was so ashamed when everybody on the bus looked at me. I could feel my face turn red.
(adapted from www.bahasainggrisoke.com)

1. What did the writer feel when the bus is not there?
a. Ashamed
b. Shocked and confused
c. Sad and Angry
d. Disappointed
2. How many friends that the writer had to join the vacation?
a. One
b. Two
c. Three
d. Four

## (Text 3)

Last summer, when mum and dad weren't feeling well, tom was taking his dog, paddy for a walk. Suddenly there was a rabbit running across the path they were taking. Paddy barked very loud and the scared rabbit ran into the bushes. Although Tom was trying hard to grip the collar, Paddy was running after the rabbit. That was the last time he saw Paddy.

He tried to look for him for days. Finally, five weeks later, when Tom was out for a coffee at Motorway Café, his parents called. They were having lunch when they heard a dog barked outside the house. The hurriedly went out and there was Paddy wiggling his tail.

## (Adapted from Brangkas soal UN SMP/MTs; 2012/2013; Tim Smart

Nusantara)
3. The text generally talks about....
a. The coming back of the lost dog
b. A long journey of the dog
c. A holiday experience in Scotland
d. The disappearance of a dog

## (Text 4)

I really enjoyed my vacation s in Australia. Last Sunday I visited a marine park called Sea World, which is at Surfers paradise near Brisbane. It is Australia's largest marine park and I had a wonderful day there.

The first thing I saw was the oceanorium, which is a place where you can watch all kinds of dish and animal underwater. There huge turtles, shark, and beautiful tropical fish. The most exciting thing was watching a man feeding the sharks. He wore a special diving suit.

Then, I watch performing animal. The show was in a big outdoor swimming pool. There were killer whales, dolphins and sea lions, and they did all kinds of fantastic things $n$ the water. One of the girls rode under water on the back of a big turtle.

Then, I watched a wonderful water ski show which was held on the lake.

After the show, I had lunch. There were several big restaurants at the park. I had lunch in a restaurant that was shaped like a ship.
(adapted from www.belajarbahasainggrisku.com)
4. The communicative purpose of the text is...
a. to tell events for the purpose informing
b. to present perspective points about an issue
c. to describe the way they are
d. to acknowledge readers about informative events
5. "It is Australia's largest marine park......"

The underline word refers to...
a. Brisbane
b. Sea World
c. Sea Hall
d. Atlantic Ocean

## (Text 5)

Last summer I got a fantastic holiday. I visited some great places. I went to an airport and was going to fly to Cleveland. I was spending there two days. I liked to see some Cleveland. I liked to see some Cleveland Cavaliers basketball matches.

Then I went to Hollywood. Hollywood is a famous district in Los Angeles, California, United States. It had become world-famous as the center of the film industry. Four major film companies Paramount, Warner Bros, RKO, and Columbia - had studios in Hollywood. I did not want to leave but I had to.

After that, I went to New York City. I visited the Statue of Liberty. I went from the bottom of Manhattan to the top of the crown. That was very amazing. The places made me feel at home but I have to go home. Next time I would return to them.
6. What did the writer do on the second visit?
a. The writer went to Cleveland
b. The writer flew to Hollywood
c. The writer visited Columbia
d. The writer took a walk to New York
7. "Hollywood is a famous district in Los Angeles, California, United States." The underlined word has similar meaning with...
a. a deserted
b. a secluded
c. an isolated
d. a popular

## (Text 6)

Last weekend, my friend and I went camping. We reached the camping ground after we walked for about one and a half hour from the parking lot. We built the camp next to a small river. It was getting darker and colder, so we built a fire camp.

The next day, we spent our time observing plantation and insects while the girls were preparing meals. In the afternoon, we went to the river and caught some fish for supper. At night, we held a fire camp night. We sang, danced, read poetry, played magic tricks, and even some of us performed a standing comedy.

On Monday, we packed our bags and got ready to go home.
(Adapted from Brangkas soal UN SMP/MTs; 2014/2015; Tim Smart
Nusantara)
8. What is the main idea of the first paragraph?
a. The preparation to camping
b. The activity at night
c. The activity on the first day
d. The activity on the second day

## (Text 7)

On Saturday night, we went to the Town Hall. It was the last day of the year and a large crowd of people had gathered under the Town Hall clock. It would strike twelve in twenty minutes' time. Fifteen minutes passed and then, at five to twelve, the clock stopped. The big minute hand did not move. We waited and waited, but nothing happened. Suddenly someone shouted. 'It is two minutes past twelve! The clock has stopped!"

I looked at my watch. It was true. The big clock refused to welcome the New Year. At that moment, everybody began to laugh and sing.
(Adapted from detik-detik UN bahasa Inggris; 2005/2006; Intan
Pariwara)
9. Which of the following is not true according to the text?
a. The writer was waiting to celebrate the New Year
b. The writer brought a watch
c. The writer was very happy
d. The writer celebrated the New Year with his family

## (Text 8)

Last year I joined the Chicago Marathon, my first marathon. I had to run 26.2 miles to complete it. It is hard but I learned valuable things from joining it.

At first, I just wanted to get the experience of joining a marathon. I thought it would be one life time experience. After finishing it, I change my mind. I wanted to join another one. I was interested to complete at least one more marathon and improve my time. I also experienced a good feeling between participants and the spectators that made me happy. It was a very wonderful thing for me. So I decide that I had to join another marathon to following year, because I was not satisfied with this first one.
(Adapted from Brangkas soal UN SMP/MTs; 2010/2011; Tim Smart
Nusantara)
10. When did the writer change his/her mind about marathon?
a. When preparing for the race
b. During the race
c. Before the race
d. After finishing the race
11. What is the main idea of the second paragraph?
a. The writer found that marathon was enjoyable so he wanted to join again
b. After completing the 26.2 miles, the writer felt upset.
c. The writer thought marathon was hard so he stopped it as soon as possible
d. The writer felt tired when he had to run at 26.2 miles
12. Why did the writer want to join another marathon?
a. To learn valuable things
b. To improve his time
c. To participate in the event.
d. To experience an interesting race

## (Text 9)

On Friday morning, 27 March 2009, the Situ Gintung dam which is located in Cireundeu southern part of Tangerang burst. It happened early in the morning at about 04.30 Indonesian Western Time (WIB), when people in the nearby area were still sleeping without option to flee.

The incident happened because of heavy rains. The dam could not hold back the water and collapsed. A big water full of rocks and pieces of wood destroyed small poorly built houses. It also swept away cars and broke telephone lines. The flood water reaches the height of up to four meters.

Hundreds of houses were totally damaged and a lot of property lost. More than 100 people died and many more still lost. The
total lost could reach billions even trillions of rupiahs because of the disaster.

It was really a horrifying disaster in early 2009. It made a lot of people lost their husbands, wives, sons, daughters, relatives and properties. It was an unforgettable disaster happening close to the country's capital city of Jakarta.
(Adapted from Brangkas soal UN SMP/MTs; 2010/2011; Tim Smart
Nusantara)
13. What is the text mostly about?
a. Flood in the Jakarta province
b. The bursting of the Situ Gintung dam
c. The victims of the flood disaster
d. Heavy rains in Situ Gintung
14. Why did the Situ Gintung dam burst?
a. Because it contains a lot of water
b. Because the flood water reached a height of up to four metres
c. Because it couldn't hold back the water from the heavy rains
d. Because it is located in dangerous area
15. When did the disaster happen?
a. At midnight
b. At dusk
c. At noon
d. At dawn

## (Text 10)

Hexa and I camped in the mountain last weekend. It was very beautiful and very quiet here. The air was fresh. The location of our campsite was on the top of hill, so we could see the scenery around us. It was amazing. It was green everywhere. It was also easy to get water as it was near a small river. You see the water is as clear as a crystal. We bought a lot of food from home. There were some noodles, cans of
sardines, soft drink, and biscuits. Hexa brought cooking utensils for cooking noodle.

On the first day, we spent our time setting up tent and exploring the surrounding area. I was happy to find that there were many campers there. At night, after we had dinner, we met other campers. We chatted and played guitar. It was fun meeting people who had the same hobby. It was not frightening at all at night in the forest as it was very noisy that night. We laughed and sang, and some campers even danced. We went to bed almost dawn. No wonder we got up late the following day. We hiked with other campers until afternoon. We did not realize that it was almost 5 in the afternoon and we had to go back home soon. It was really nice. I planned to go there again on the next long holiday. I would ask other friends to join.
(Adapted from Brangkas soal UN SMP/MTs; 2009/2010; Tim Smart
Nusantara)
16. What makes the writer say "amazing" from the text?
a. The location of the campsite
b. The fresh air of the mountain
c. The scenery around the campsite
d. The small river in the mountain
17. What did the writer do on the second day of their camping activity?
a. They chatted and played guitar
b. They had a greet and meet activity
c. They hiked with the other champers
d. They laughed and sang songs together
18. Arrange these jumbles sentences into a good paragraph!
(1) Before lunch we fed some birds in the park.
(2) But we were happy because we had so much fun.
(3) Yesterday my family went to the zoo.
(4) When we returned home we went very tired.
(5) In the afternoon we saw the animals being fed.
(6) We bought some food to give to the animals.
(Adapted from Brangkas soal UN SMP/MTs; 2009/2010; Tim Smart Nusantara)
The best arrangement is.....
a. $5-4-6-3-2-1$
b. $3-6-1-5-4-2$
c. 5-1-3-6-2-4
d. $3-1-5-4-2-6$

## ANSWER OF POST TEST



Give a cross symbol (X) to A, B, C and D on the correct answer!

1. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C}$
2. A B C D
3. A B C D
4. A B C D
5. A B C D
6. A B C D
7. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C} \quad \mathrm{D}$
8. A B C D
9. A B C D
10. A B C D
11. A B C D
12. A B C D
13. A B C D
14. A B C D
15. A
16. D
17. B
18. A
19. A
20. A
21. B
22. B
23. D
24. C
25. D
26. D
27. A
28. A
29. B
30. C
31. D
32. C
33. C
34. B

## Appendix 24

FINAL VALUE OF EXPERIMENTAL AND CONTROL CLASS
LIST

| No | Experiment Class | Value | No | Control Class | Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | EC-01 | 70 | 1 | CC-01 | 70 |
| 2 | EC-02 | 80 | 2 | CC-02 | 65 |
| 3 | EC-03 | 70 | 3 | CC-03 | 65 |
| 4 | EC-04 | 75 | 4 | CC-04 | 60 |
| 5 | EC-05 | 65 | 5 | CC-05 | 70 |
| 6 | EC-06 | 65 | 6 | CC-06 | 55 |
| 7 | EC-07 | 80 | 7 | CC-07 | 70 |
| 8 | EC-08 | 75 | 8 | CC-08 | 55 |
| 9 | EC-09 | 60 | 9 | CC-09 | 80 |
| 10 | EC-10 | 70 | 10 | CC-10 | 65 |
| 11 | EC-11 | 65 | 11 | CC-11 | 70 |
| 12 | EC-12 | 70 | 12 | CC-12 | 55 |
| 13 | EC-13 | 75 | 13 | CC-13 | 65 |
| 14 | EC-14 | 60 | 14 | CC-14 | 55 |
| 15 | EC-15 | 65 | 15 | CC-15 | 60 |
| 16 | EC-16 | 60 | 16 | CC-16 | 75 |
| 17 | EC-17 | 70 | 17 | CC-17 | 60 |
| 18 | EC-18 | 75 | 18 | CC-18 | 55 |
| 19 | EC-19 | 80 | 19 | CC-19 | 60 |
| 20 | EC-20 | 75 | 20 | CC-20 | 80 |
| 21 | EC-21 | 60 | 21 | CC-21 | 65 |
| 22 | EC-22 | 80 | 22 | CC-22 | 75 |
| 23 | EC-23 | 70 | 23 | CC-23 | 75 |
| 24 | EC-24 | 75 | 24 | CC-24 | 70 |
| 25 | EC-25 | 80 | 25 | CC-25 | 70 |
| 26 | EC-26 | 75 | 26 | CC-26 | 75 |
| 27 | EC-27 | 80 | 27 | CC-27 | 70 |
| 28 | EC-28 | 65 | 28 | CC-28 | 75 |
| 29 | EC-29 | 70 | 29 | CC-29 | 70 |
| 30 | EC-30 | 65 | 30 | CC-30 | 80 |
| 31 | EC-31 | 75 |  |  |  |
| 32 | EC-32 | 80 |  |  |  |
| 33 | EC-33 | 80 |  |  |  |
|  | Jumlah | 2360 |  |  | 2015 |
|  | Rata-rata | 71,52 |  |  | 67,17 |
|  | Nilai Tertinggi | 80 |  |  | 80 |
|  | Nilai Terendah | 60 |  |  | 55 |
|  | caliuar Devrast | 6,79 |  |  | 7,95 |

## Appendix 25

## NORMALITY TEST OF POST TEST IN EXPERIMENTAL

## CLASS

| Statistik | Variabel |
| :---: | :---: |
| N Sampel | 33 |
| Mean | 71,515 |
| Simpangan Baku | 6,787 |


| Variabel | Zi | F(zi) | S(zi) | $F(z i)-S(z i)$ |
| :---: | :---: | :---: | :---: | :---: |
| 60 | -1,6965 | 0,0449 | 0,0303 | 0,0146 |
| 60 | -1,6965 | 0,0449 | 0,0606 | 0,0157 |
| 60 | -1,6965 | 0,0449 | 0,0909 | 0,0460 |
| 60 | -1,6965 | 0,0449 | 0,1212 | 0,0763 |
| 65 | -0,9599 | 0,1686 | 0,1515 | 0,0170 |
| 65 | -0,9599 | 0,1686 | 0,1818 | 0,0133 |
| 65 | -0,9599 | 0,1686 | 0,2121 | 0,0436 |
| 65 | -0,9599 | 0,1686 | 0,2424 | 0,0739 |
| 65 | -0,9599 | 0,1686 | 0,2727 | 0,1042 |
| 65 | -0,9599 | 0,1686 | 0,3030 | 0,1345 |
| 70 | -0,2232 | 0,4117 | 0,3333 | 0,0783 |
| 70 | -0,2232 | 0,4117 | 0,3636 | 0,0480 |
| 70 | -0,2232 | 0,4117 | 0,3939 | 0,0177 |
| 70 | -0,2232 | 0,4117 | 0,4242 | 0,0126 |
| 70 | -0,2232 | 0,4117 | 0,4545 | 0,0429 |
| 70 | -0,2232 | 0,4117 | 0,4848 | 0,0732 |
| 70 | -0,2232 | 0,4117 | 0,5152 | 0,1035 |
| 75 | 0,5134 | 0,6962 | 0,5455 | 0,1507 |
| 75 | 0,5134 | 0,6962 | 0,5758 | 0,1204 |
| 75 | 0,5134 | 0,6962 | 0,6061 | 0,0901 |
| 75 | 0,5134 | 0,6962 | 0,6364 | 0,0598 |
| 75 | 0,5134 | 0,6962 | 0,6667 | 0,0295 |
| 75 | 0,5134 | 0,6962 | 0,6970 | 0,0008 |
| 75 | 0,5134 | 0,6962 | 0,7273 | 0,0311 |
| 75 | 0,5134 | 0,6962 | 0,7576 | 0,0614 |
| 80 | 1,2501 | 0,8944 | 0,7879 | 0,1065 |
| 80 | 1,2501 | 0,8944 | 0,8182 | 0,0762 |
| 80 | 1,2501 | 0,8944 | 0,8485 | 0,0459 |
| 80 | 1,2501 | 0,8944 | 0,8788 | 0,0156 |
| 80 | 1,2501 | 0,8944 | 0,9091 | 0,0147 |
| 80 | 1,2501 | 0,8944 | 0,9394 | 0,0450 |
| 80 | 1,2501 | 0,8944 | 0,9697 | 0,0753 |
| 80 | 1,2501 | 0,8944 | 1,0000 | 0,1056 |


| Uji Normalitas Liliefors |  |
| :--- | ---: |
| Liliefors Hitung | 0,151 |
| Derajat Kepercayaan | 0,050 |
| Liliefors | 0,886 |
| Liliefors Tabel | 0,154 |
| Kesimpulan | Normal |

## Appendix 26

## NORMALITY TEST OF POST TEST IN CONTROL CLASS

| Statistik | Variabel |
| :---: | :---: |
| N Sampel | 30 |
| Mean | 67,167 |
| Simpangan Baku | 7,953 |


| Variabel | Zi | $\mathrm{F}(\mathrm{zi})$ | $\mathrm{S}(\mathrm{zi})$ | $\mathrm{F}(z i)-\mathrm{S}(z i)$ |
| :---: | :---: | :---: | :---: | :---: |
| 55 | $-1,5299$ | 0,0630 | 0,0333 | 0,0297 |
| 55 | $-1,5299$ | 0,0630 | 0,0667 | 0,0036 |
| 55 | $-1,5299$ | 0,0630 | 0,1000 | 0,0370 |
| 55 | $-1,5299$ | 0,0630 | 0,1333 | 0,0703 |
| 55 | $-1,5299$ | 0,0630 | 0,1667 | 0,1036 |
| 60 | $-0,9011$ | 0,1838 | 0,2000 | 0,0162 |
| 60 | $-0,9011$ | 0,1838 | 0,2333 | 0,0496 |
| 60 | $-0,9011$ | 0,1838 | 0,2667 | 0,0829 |
| 60 | $-0,9011$ | 0,1838 | 0,3000 | 0,1162 |
| 65 | $-0,2724$ | 0,3926 | 0,3333 | 0,0593 |
| 65 | $-0,2724$ | 0,3926 | 0,3667 | 0,0260 |
| 65 | $-0,2724$ | 0,3926 | 0,4000 | 0,0074 |
| 65 | $-0,2724$ | 0,3926 | 0,4333 | 0,0407 |
| 65 | $-0,2724$ | 0,3926 | 0,4667 | 0,0740 |
| 70 | 0,3563 | 0,6392 | 0,5000 | 0,1392 |
| 70 | 0,3563 | 0,6392 | 0,5333 | 0,1058 |
| 70 | 0,3563 | 0,6392 | 0,5667 | 0,0725 |
| 70 | 0,3563 | 0,6392 | 0,6000 | 0,0392 |
| 70 | 0,3563 | 0,6392 | 0,6333 | 0,0058 |
| 70 | 0,3563 | 0,6392 | 0,6667 | 0,0275 |
| 70 | 0,3563 | 0,6392 | 0,7000 | 0,0608 |
| 70 | 0,3563 | 0,6392 | 0,7333 | 0,0942 |
| 75 | 0,9850 | 0,8377 | 0,7667 | 0,0710 |
| 75 | 0,9850 | 0,8377 | 0,8000 | 0,0377 |
| 75 | 0,9850 | 0,8377 | 0,8333 | 0,0043 |
| 75 | 0,9850 | 0,8377 | 0,8667 | 0,0290 |
| 80 | 0,9850 | 0,8377 | 0,9000 | 0,0623 |
| 80 | 1,6137 | 0,9467 | 0,9333 | 0,0134 |
| 80 | 1,6137 | 0,9467 | 0,9667 | 0,0200 |
| 1,6137 | 0,9467 | 1,0000 | 0,0533 |  |
|  |  |  |  |  |

## Uji Normalitas Liliefors

| Liliefors Hitung | 0,139 |
| :--- | ---: |
| Derajat Kepercayaan | 0,050 |
| Liliefors | 0,886 |
| Liliefors Tabel | 0,162 |
| Kesimpulan | Normal |

## Appendix 27

## HOMOGENEITY TEST OF POST TEST

Sumber Data

| Sumber variasi | VIII-A | VIII-B |
| :---: | :---: | :---: |
| Jumlah | 2360 | 2015 |
| n | 33 | 30 |
| $\bar{X}$ | 71,52 | 67,17 |
| Varians $\left(\mathrm{S}^{2}\right)$ | 46,10 | 63,25 |
| Standart deviasi $(\mathrm{S})$ | 6,79 | 7,95 |

$$
\mathrm{F}_{\text {hitung }}=\begin{array}{|l|l|l|}
\text { varians terbesar } \\
\text { varians terkecil } & =\frac{46,10}{63,25} & =1,37
\end{array}
$$

untuk $\alpha=5 \%$ dengan
dk pembilang $=\mathrm{n} 1-\mathrm{k}=33-1=3$ 2
dk penyebut $=\mathrm{n} 2-\mathrm{k}=30-1=29$
$\mathrm{F}(0.05)(32: 29)=1.81$

Karena $\quad F_{\text {hitung }}<\quad F_{\text {tabel }}$ maka homogen

## Appendix 28

## DIFFERENCES TEST BETWEEN EXPERIMENTAL AND CONTROL CLASS



## Appendix 29

SAMPLE OF STUDENTS ANSWER (POST TEST) IN EXPERIMENTAL CLASS ANSWER OF POST TEST


## Give a cross symbol (X) to A, B, C and D on the correct answer!



$$
B=\frac{16}{20} \times 100
$$

## Appendix 30

SAMPLE OF STUDENTS ANSWER (POST TEST) IN CONTROL CLASS


## ANSWER OF POST TEST



## Give a cross symbol (X) to A, B, C and D on the correct answer!



$$
B=\frac{15}{20} \times 100
$$

## Appendix 31

## Checklist Observation of Teaching Learning Process in Control Class (First Meeting)

| No | Indicator | $\begin{aligned} & \hline \text { None } \\ & (0 \%) \end{aligned}$ | $\begin{gathered} \text { Few } \\ (\leq 20 \%) \end{gathered}$ | $\begin{aligned} & \text { Half } \\ & (21 \%- \\ & 51 \%) \\ & \hline \end{aligned}$ | Many (51\%$70 \%)$ | Majority (>70\%) | Total Score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 |  |
| 1 | Students participate toward teacher's teaching |  |  | $\sqrt{ }$ |  |  | 3 |
| 2 | Students respond to explained material |  |  | $\sqrt{ }$ |  |  | 3 |
| 3 | Students are interested in the teaching learning process |  |  |  | $\sqrt{ }$ |  | 4 |
| 4 | Students are active during teaching learning process |  | $\sqrt{ }$ |  |  |  | 2 |
| 5 | Being enthusiastic to English learning |  |  | $\sqrt{ }$ |  |  | 3 |

Batang, $10^{\text {th }}$ February 2016

English Teacher,

A. Munawwir, S. Pd

NIP. 332508100263001


Isa Aulia Rohman
NIM. 123411055

## Appendix 32

## Checklist Observation of Teaching Learning Process in Control Class (Second Meeting)

| No | Indicator | None (0\%) | $\begin{gathered} \text { Few } \\ (\leq 20 \%) \end{gathered}$ | $\begin{gathered} \text { Half } \\ (21 \%- \\ 51 \%) \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Many } \\ & (51 \%- \\ & 70 \%) \\ & \hline \end{aligned}$ | Majority (>70\%) | Total Score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 |  |
| 1 | Students participate toward teacher's teaching |  |  |  | $\sqrt{ }$ |  | 4 |
| 2 | Students respond to explained material |  |  | $\sqrt{ }$ |  |  | 3 |
| 3 | Students are interested in the teaching learning process |  |  |  | $\sqrt{ }$ |  | 4 |
| 4 | Students are active during teaching learning process |  |  |  | $\sqrt{ }$ |  | 4 |
| 5 | Being enthusiastic to English learning |  |  | $\sqrt{ }$ |  |  | 3 |

English Teacher,

A. Munawwir, S. Pd NIP. 332508100263001

Batang, $17^{\text {th }}$ February 2016
Researcher,


Isa Aulia Rohman
NIM. 123411055

## Appendix 33

## Checklist Observation of Teaching Learning Process in Experimental Class (First Meeting)

| No | Indicator | None (0\%) | $\begin{gathered} \text { Few } \\ (\leq 20 \%) \end{gathered}$ | $\begin{gathered} \text { Half } \\ (21 \%- \\ 51 \%) \\ \hline \end{gathered}$ | Many (51\%$70 \%$ ) | $\begin{aligned} & \text { Majority } \\ & (>70 \%) \end{aligned}$ | Total Score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 |  |
| 1 | Students participate toward teacher's teaching |  |  |  | $\sqrt{ }$ |  | 4 |
| 2 | Students respond to explained material |  |  | $\sqrt{V}$ |  |  | 3 |
| 3 | Students are interested in the teaching learning process |  |  |  |  | $\sqrt{ }$ | 5 |
| 4 | Students are active during teaching learning process |  |  |  | $\sqrt{V}$ |  | 4 |
| 5 | Being enthusiastic to English learning |  |  |  | $\sqrt{V}$ |  | 4 |

English Teacher,

A. Munawwir, S. Pd NIP. 332508100263001

Batang, $11^{\text {th }}$ February 2016
Researcher,


Isa Aulia Rohman
NIM. 123411055

## Appendix 34

## Checklist Observation of Teaching Learning Process in Experimental Class (Second Meeting)

| No | Indicator | None (0\%) | $\begin{gathered} \text { Few } \\ (\leq 20 \%) \end{gathered}$ | $\begin{gathered} \text { Half } \\ (21 \%- \\ 51 \%) \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Many } \\ & (51 \%- \\ & 70 \%) \\ & \hline \end{aligned}$ | Majority (>70\%) | Total Score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 |  |
| 1 | Students participate toward teacher's teaching |  |  |  |  | $\sqrt{ }$ | 5 |
| 2 | Students respond to explained material |  |  |  | $\sqrt{ }$ |  | 4 |
| 3 | Students are interested in the teaching learning process |  |  |  |  | $\sqrt{ }$ | 5 |
| 4 | Students are active during teaching learning process |  |  |  | $\sqrt{ }$ |  | 4 |
| 5 | Being enthusiastic to English learning |  |  |  |  | $\sqrt{V}$ | 5 |

English Teacher,

A. Munawwir, S. Pd

NIP. 332508100263001

Batang, $18^{\text {th }}$ February 2016
Researcher,


Isa Aulia Rohman
NIM. 123411055

## Appendix 35

## Text Recount Text as Media

## (Text 1)

On Wednesday, my students and I went to Yogyakarta. We stayed at Dirgahayu Hotel which is not far from Malioboro.

On Thursday, we visited the temples in Prambanan. There are three big temples, the Brahmana, Syiwa and Wisnu temples. They are really amazing. We visited only Brahmana and Syiwa temples, because Wisnu temple is being renovated.

On Friday morning we went to Yogya Kraton. We spent about two hours there. We were lucky because we were led by a smart and friendly guide. Then we continued our journey to Borobudur. We arrived there at four p.m. at $5 \mathrm{p} . \mathrm{m}$. We heard the announcement that Borobudur gate would be closed. In the evening we left for Jakarta by bus.
(adapted from www.caramudahbelajarbahasainggris.net)

## (Text 2)

Last holiday, I went to Surabaya with my friend for vacation. We went there on a night bus.

When we arrived in Lamongan, the bus stopped at a small restaurant for a rest. I got off the bus to get a cup of ginger tea, and my friend drank some cold lemonade. Then I went to the toilet. It took only a few minutes.

When I came out again, the bus was not there. It had gone! My friend was not there too. Feeling shocked and confused, I asked a waitress about the bus. She said that the bus departed about five minutes ago.

I tried to call my friend on my cell-phone, but the battery was running low.

I could not do anything but hope and pray. After several minutes, my wish came true. The bus came back! I got on the bus and walked to my seat.

I was so ashamed when everybody on the bus looked at me. I could feel my face turn red.
(adapted from www.bahasainggrisoke.com)

## (Text 3)

Last summer, when mum and dad weren't feeling well, tom was taking his dog, paddy for a walk. Suddenly there was a rabbit running across the path they were taking. Paddy barked very loud and the scared rabbit ran into the bushes. Although Tom was trying hard to grip the collar, Paddy was running after the rabbit. That was the last time he saw Paddy.

He tried to look for him for days. Finally, five weeks later, when Tom was out for a coffee at Motorway Café, his parents called. They were having lunch when they heard a dog barked outside the house. The hurriedly went out and there was Paddy wiggling his tail.
(Adapted from Brangkas soal UN SMP/MTs; 2012/2013; Tim Smart
Nusantara)

## (Text 4)

I really enjoyed my vacations in Australia. Last Sunday I visited a marine park called Sea World, which is at Surfers paradise near Brisbane. It is Australia's largest marine park and I had a wonderful day there.

The first thing I saw was the oceanorium, which is a place where you can watch all kinds of dish and animal underwater. There huge turtles, shark, and beautiful tropical fish. The most exciting thing was watching a man feeding the sharks. He wore a special diving suit.

Then, I watch performing animal. The show was in a big outdoor swimming pool. There were killer whales, dolphins and sea
lions, and they did all kinds of fantastic things the water. One of the girls rode under water on the back of a big turtle.

Then, I watched a wonderful water ski show which was held on the lake.

After the show, I had lunch. There were several big restaurants at the park. I had lunch in a restaurant that was shaped like a ship.
(adapted from www.belajarbahasainggrisku.com)

## (Text 5)

Last summer I got a fantastic holiday. I visited some great places. I went to an airport and was going to fly to Cleveland. I was spending there two days. I liked to see some Cleveland. I liked to see some Cleveland Cavaliers basketball matches.

Then I went to Hollywood. Hollywood is a famous district in Los Angeles, California, United States. It had become world-famous as the center of the film industry. Four major film companies Paramount, Warner Bros, RKO, and Columbia - had studios in Hollywood. I did not want to leave but I had to.

After that, I went to New York City. I visited the Statue of Liberty. I went from the bottom of Manhattan to the top of the crown. That was very amazing. The places made me feel at home but I have to go home. Next time I would return to them.
(Adapted from Brangkas soal UN SMP/MTs; 2014/2015; Tim Smart
Nusantara)

## (Text 6)

Last weekend, my friend and I went camping. We reached the camping ground after we walked for about one and a half hour from the parking lot. We built the camp next to a small river. It was getting darker and colder, so we built a fire camp.

The next day, we spent our time observing plantation and insects while the girls were preparing meals. In the afternoon, we went
to the river and caught some fish for supper. At night, we held a fire camp night. We sang, danced, read poetry, played magic tricks, and even some of us performed a standing comedy.

On Monday, we packed our bags and got ready to go home.
(Adapted from Brangkas soal UN SMP/MTs; 2014/2015; Tim Smart
Nusantara)

## (Text 7)

On Saturday night, we went to the Town Hall. It was the last day of the year and a large crowd of people had gathered under the Town Hall clock. It would strike twelve in twenty minutes' time. Fifteen minutes passed and then, at five to twelve, the clock stopped. The big minute hand did not move. We waited and waited, but nothing happened. Suddenly someone shouted. "It is two minutes past twelve! The clock has stopped!"

I looked at my watch. It was true. The big clock refused to welcome the New Year. At that moment, everybody began to laugh and sing.
(Adapted from detik-detik UN bahasa Inggris; 2005/2006; Intan
Pariwara)

## (Text 8)

Last year I joined the Chicago Marathon, my first marathon. I had to run 26.2 miles to complete it. It is hard but I learned valuable things from joining it.

At first, I just wanted to get the experience of joining a marathon. I thought it would be one life time experience. After finishing it, I change my mind. I wanted to join another one. I was interested to complete at least one more marathon and improve my time. I also experienced a good feeling between participants and the spectators that made me happy. It was a very wonderful thing for me. So I decide that I had to join another marathon to following year, because I was not satisfied with this first one.

## (Text 9)

On Friday morning, 27 March 2009, the Situ Gintung dam which is located in Cireundeu southern part of Tangerang burst. It happened early in the morning at about 04.30 Indonesian Western Time (WIB), when people in the nearby area were still sleeping without option to flee.

The incident happened because of heavy rains. The dam could not hold back the water and collapsed. A big water full of rocks and pieces of wood destroyed small poorly built houses. It also swept away cars and broke telephone lines. The flood water reaches the height of up to four meters.

Hundreds of houses were totally damaged and a lot of property lost. More than 100 people died and many more still lost. The total lost could reach billions even trillions of rupiahs because of the disaster.

It was really a horrifying disaster in early 2009. It made a lot of people lost their husbands, wives, sons, daughters, relatives and properties. It was an unforgettable disaster happening close to the country's capital city of Jakarta.
(Adapted from Brangkas soal UN SMP/MTs; 2010/2011; Tim Smart
Nusantara)

## (Text 10)

Hexa and I camped in the mountain last weekend. It was very beautiful and very quiet here. The air was fresh. The location of our campsite was on the top of hill, so we could see the scenery around us. It was amazing. It was green everywhere. It was also easy to get water as it was near a small river. You see the water is as clear as a crystal. We bought a lot of food from home. There were some noodles, cans of
sardines, soft drink, and biscuits. Hexa brought cooking utensils for cooking noodle.

On the first day, we spent our time setting up tent and exploring the surrounding area. I was happy to find that there were many campers there. At night, after we had dinner, we met other campers. We chatted and played guitar. It was fun meeting people who had the same hobby. It was not frightening at all at night in the forest as it was very noisy that night. We laughed and sang, and some campers even danced. We went to bed almost dawn. No wonder we got up late the following day. We hiked with other campers until afternoon. We did not realize that it was almost 5 in the afternoon and we had to go back home soon. It was really nice. I planned to go there again on the next long holiday. I would ask other friends to join.
(Adapted from Brangkas soal UN SMP/MTs; 2009/2010; Tim Smart
Nusantara)

## Example

## Tour in Bali

There were so many places to see in Bali that my friend decided to join the tours to see as much as possible. My friend stayed in Kuta on arrival. He spent the first three days swimming and surfing on Kuta beach. He visited some tour agents and selected two tours. The first one was to Singaraja, the second was to Ubud.

On the day of the tour, he was ready. My friend and his group drove on through mountains. Singaraja is a city of about 90 hundreds people. It is a busy but quiet town. The streets are lined with trees and there are many Old Dutch houses. Then they returned very late in the evening to Kuta.

The second tour to Ubud was a very different tour. It was not to see the scenery but to see the art and the craft of the island. The first stop was at Batubulan, a center of stone sculpture. There my friend
watched young boys were carving away at big blocks of stone. The next stop was Celuk, a center for silversmiths and golden smiths. After that he stopped a little while for lunch at Sukawati and on to mass. Mass is a tourist center.

My friend ten-day-stay ended very quickly beside his two tours, all his day was spent on the beach. He went sailing or surfboarding every day. He was quiet satisfied.

## My Holiday

On February 8th, 2016, I thought this would be a great holiday for me because that was Chinese New Year holiday. I didn't celebrate the Chinese New Year as I'm not Chinese but I guessed that it was a good time for me to get full refreshing. I was so tired to studying. However, the unpredictable fact broke everything up.

First like an ordinary daughter, I had to get up early morning to help my mother, of course after I prayed. Then I did the dishes, cleaned up my room, and did my bed. I was really in danger if my mom knew that my room was messy. So, I made it as soon as possible. After finishing everything, my aunts called me in the afternoon. I did not meet them for a long time so we kept for hours to talk about some up to date gossips. Not long after that, my neighbor who is also my schoolmate visited me. She asked my help to finish her homework. At last, the time was running and the homework was successfully finished. An unpredictable moment happened after that. To my surprised, I just remembered that I had a lot of homework too. I got confused and regretful why I did not check it. As the consequence, I did my homework until late night and it was hardly finished. Since then, I always check my homework before having a holiday.

I did not feel this was holiday instead of I had to work hard and got a long ship with my homework.

Appendix 36

## DOCUMENTATION



DISCUSSION


POST TEST OF EXPERIMENTAL CLASS


POST TEST OF CONTROL CLASS

KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI WALISONGO
FAKULTAS ILMU TARBIYAH DAN KEGURUAN
Ji. Prof. Dr. Hamka (Kampus II) Ngaliyan (024) 7601295 Fax. 7615387 Semarang 50185

Nomor : In.06.03/J.4/PP.00.9/4527/2015
Semarang, 21 Oktober 2015
Lamp
Hal : Penunjukan Pembimbing Skripsi

Yth:
Moh. Nafi Annury, M.Pd

Berdasarkan hasil pembahasan usulan judul penelitian jurusan Pendidikan Bahasa Inggris, maka Fakultas Ilmu Tarbiyah dan Keguruan menyetujui skripsi mahasiswa:

Nama : Isa Aulia Rohman
NIM : 123411055
Judul : "The Effectiveness of Using Two-Stay Two-Stray (TSTS) to Improve Students, Achievement in Reading Recount Text (An Experimental Study at Eight Grade of MTs Nurul Huda Banyuputih Batang in the Academic Year of 2015/2016)."
dan menunjuksaudara Moh. Nafi Annury, M.Pd sebagai pembimbing.
Demikian atas kerjasamayang diberikankami ucapkan terima kasih.


## Tembusan:

1. Dekan Fakultas Ilmu Tarbiyah dan Keguruan UIN Walisongo Semarang (sebagai laporan)
2. Mahasiswa yang bersangkutan
3. Arsip

## KEMENTERIAN AGAMA

## UNIVERSITAS ISLAM NEGERI WALISONGO

## FAKULTAS ILMU TARBIYAH DAN KEGURUAN

Prof. Dr. Hamka Kampus II Ngaliyan Telp. 7601295 Fax. 7615987 Semarang 50185

| Nomor | : In.06.3/DI/TL.00./0540/2016 | Semarang, 4 Pebruari 2016 |
| :--- | :--- | :--- |
| Lamp | $:-$ |  |
| Hal | : Mohon Izin Riset |  |

A.n. : Isa Aulia Rohman

NIM : 123411055

Kepada Yth. :
Kepala MTs Nurul Huda Banyuputih
di Batang

Assalamua'alikum Wr.Wb.
Diberitahukan dengan hormat dalam rangka penulisan skripsi, bersama ini kami hadapkan mahasiswa:

| Nama . | : Isa Aulia Rohman |
| :--- | :--- |
| NIM | $: 123411055$ |
| Jurusan | $:$ Pendidikan Bahasa Inggris |
| Judul Skripsi | $:$ "The Effectiveness of Using Two-Stay Two-Stray (TSTS) to |
|  | Improve Students' Achievement in Reading Recount Text |
|  | (An Experimental Study at Eight Grade of MTs Nurul Huda |
|  | Banyuputih Batang in the Academic Year of 2015/2016)." |
| Pembimbing | : Muhammad Nafi Annury, M.Pd |

Bahwa mahasiswa tersebut membutuhkan data-data dengan tema/judul skripsi yang sedang disusunnya, dan oleh karena itu kami mohon mahasiswa tersebut diberi ijin riset selama 22 hari, pada tanggal 9 Pebruari sampai dengan tanggal 29 Pebruari 2016.
Demikian atas perhatian dan kerjasamanya disampaikan terimakasih.
Wassalamu'alaikum Wr.Wb.


# LEMBAGA PENDIDIKAN MA'ARIF NU MADRASAH TSANAWIYAH NURUL HUDA TERAKREDITASI A 

# SURAT KETERANGAN 

Nomor : Ts.14/K.01/121/2016

Yang bertanda tangan di bawah ini, Kepala Madrasah Tsanawiyah Nurul Huda Banyuputih Kabupaten Batang menerangkan bahwa :
: Isa Aulia Rohman

NIM
: 123411055

Program Studi : S $1 /$ Pendidikan Bahasa Inggris
Universitas : Universitas Islam Negeri Walisongo Semarang

Telah melaksanakan penelitihan di MTs Nurul Huda Banyuputih sejak tanggal 9 s.d. 29 Februari 2016, dalam rangka penyusunan skripsi berjudul :
"The Efectiveness of Using Two-Stay Two-Stray (TSTS) to Improve Students' Achievement in Reading Recount Text (An Experimental Study at Eight Grade of MTs Nurul Huda Banyuputih Batang in the Academic Year of 2015/2016). ".

Surat keterangan ini dibuat agar menjadikan periksa dan dapat digunakan sebagaimana mestinya.

Banyuputih, 21 Maret 2016
Kepala MTs Nurul Huda


# LABORATORIUM MATEMATIKA <br> JURUSAN PENDIDIKAN MATEMATIKA <br> FAKULTAS SAINS DAN TEKNOLOGI UIN WALISONGO SEMARANG 

Jn. Prof. Dr. Hamka Kampus 2 (Gdg. Lab. MIPA Terpadu Lt.3) 7601295 Fax. 7615387 Semarang 50182

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PENELITI : Isa Aulia Rohman
NIM : 123411055
JURUSAN : Pendidikan Bahasa Inggris
JUDUL : THE EFFECTIVENESS OF USING TWO-STAY TWO-STRAY
                                    TO IMPROVE STUDENT'S ACHIEVEMENT IN READING
                                    RECOUNT TEXT
                                    (An Experimental Study at Eight Grade of MTs Nurul Huda
                                    Banyuputih Batang in the Academic Year of 2015/2016)
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## HIPOTESIS :

a. Hipotesis Varians :

Ho : Varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah identik.
Ha : Varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah tidak identik.
b. Hipotesis Rata-rata :

Ho : Rata-rata hasil belajar siswa kelas eksperimen $\leq$ kontrol.
$\mathrm{Ha}:$ Rata-rata hasil belajar siswa kelas eksperimen $>$ kontrol.

## DASAR PENGAMBILAN KEPUTUSAN :

Ho DITERIMA, jika nilai t_hitung $\leq \mathrm{t}$ _tabel
Ho DITOLAK, jika nilai t_hitung >t_tabel

## HASIL DAN ANALISIS DATA :

Group Statistics

|  | kelas | N | Mean | Std. Deviation | Std. Error Mean |
| :--- | :--- | :--- | :--- | ---: | ---: |
| hasil belajar akhir | eksp | 33 | 71.5152 | 6.78749 | 1.18155 |
|  | kontr | 30 | 67.1667 | 7.95281 | 1.45198 |



1. Pada kolom Levenes Test for Equality of Variances, diperoleh nilai sig. $=0,352$. Karena sig. $=0,352 \geq 0,05$, maka Ho DITERIMA, artinya kedua varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah identik.
2. Karena identiknya varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol, maka untúk membandingkan rata-rata antara rata-rata hasil belajar siswa kelas eksperimen dan kontrol dengan menggunakan t-test adalah menggunakan dasar nilai t_hitung pada baris pertama (Equal variances assumed), yaitu t_hitung $=2,341$.
3. Nilai t_tabel $(61,05)=1,670$ (one tail). Berarti nilai thitung $=2,341>\mathrm{t}$ tabel $=$ 1,670, hal ini berarti Ho DITOLAK, artinya : Rata-rata hasil belajar siswa kelas eksperimen lebih baik dari rata-rata hasil belajar siswa kelas kontrol.


Lembaga Penelitian dan Pengabdian kepada Masyarakat (LP2M) Universitas Islam Negeri (UIN) Walisongo Semarang, menerangkan bahwa:

Nama
NIM

Fakultas

## : ISA AULIA ROHMAN

Telah melaksanakan kegiatan Kuliah Kerja Nyata (KKN) Reguler Angkatan ke-66 Semester Genap Tahun Akademik 2015/2016 di Kabupaten Pati, dengan nilai:

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## 123411055

ILMU TARBIYAH DAN KEGURUAN
$\qquad$ $4,0 / \mathrm{A}$ $\qquad$ )

Semarang, 21 Juni 2016

$\qquad$ (


## CURRICULUM VITAE

## Personal details:

Name
: Isa Aulia Rohman
Place and date of birth
: Kudus, October 18, 1994
Home address
Phone/Hp.
: Dk. Sendangwungu Ds. Kutosari Rt 02/03 No. 33, Gringsing-Batang

Email : isaaulia1978@gmail.com

## Educational Background:

1. TK Pertiwi Plelen Gringsing Batang, graduated on 2000.
2. MI Lebo 1 Gringsing Batang, graduated on 2006.
3. SMP Negeri 1 Gringsing Batang, graduated on 2009.
4. MAN Kendal, graduated on 2012.
5. UIN Walisongo Semarang.

Semarang, 30 November 2016
The Writer,


Isa Aulia Rohman
NIM. 123411055


[^0]:    "http://www.englishiana.com/2016/03/10-contoh-recount-text-holiday-dan.html? $\mathrm{m}=1$ "

